

Business Objects



BUSINESS OBJECTS®

5.1.9 Installation Guide

**COMPUTER
GUIDANCE
CORPORATION**

Business Objects Installation Guide

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Printed in the United States of America
Version 5.1.9
March 2005

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Chapter 1

Getting Started

This guide was designed to provide complete installation instructions that enable you to fully utilize the Business Objects suite of products and the CMS Universes while maximizing the security features required in today's business environment. Read this entire guide before beginning the installation.

Installation Checklist

- Read the installation guide before proceeding.
- Check system requirements.
- Install Supervisor on the supervisor's computer.
- Create a second Supervisor login profile.
- Create the BOMain Key.
- Create users for Business Objects.
- Install Business Objects on a client computer.
- Copy over the BOMain Key to the client computer.
- Download all Universes from the CGC web site to the Universe folder (e.g., C:\Program Files\Business Objects\Business Objects 5.1\Universe).
- Export the Universes to the Repository.
- Read the Release Notes on the Computer Guidance Corporation website.

System Requirements

Hardware

- IBM[®]-compatible machine with a P4 processor with 1.2 GHz or higher
- At least 512 MB of RAM; 256 MB of RAM is recommended
- Hard drive with 10 GIG of disk space
- CD-ROM drive

Note If using distributed Business Objects, it is recommended that the nodes communicate over a dedicated network to handle the extra network traffic. Verify that the Domain Name Service is properly configured.

Software

- Microsoft XP Service Pack 1 or Service Pack 2
- Microsoft Windows 2000 Professional Service Pack 3

MiddleWare and Network Requirements

The appropriate RDBMS MiddleWare must be installed to enable the client PC to connect to the Business Objects repository and corporate databases. If using distributed WebIntelligence, it is recommended that the nodes communicate over a dedicated network to handle the extra network traffic.

Operating Systems

Each machine using Business Objects must be properly configured as described below:

- Each machine must have the TCP/IP network protocol installed and working properly.
- Each machine must have the appropriate network protocol for the database MiddleWare installed and working properly. Database MiddleWares may use protocols such as TCP/IP, IPX/SPX or NetWare.
- The database MiddleWare must be installed and functioning properly.

Note Detailed information about installing TCP/IP, the database MiddleWare and the network protocol used by the database MiddleWare can be found in the administration manuals for the operating system and database.

CMS Requirements

CMS Release 3.4.0 or higher and current associated requirements (sheets).

AS/400 Requirements

The minimum AS/400 operating system requirement for RISC is release level V5R1.

It is highly recommended to operate at the latest AS/400 operating system PTF level. The chart below lists IBM PTFs by operating system. Be sure your operating system is running with these programs to avoid potential future issues.

IBM PTFs by Operating System

| Cumulative | | | |
|---------------------|---------|-------------------------------|------------|
| V5R3 | SI16496 | Latest cumulative PTF package | 12/09/2004 |
| V5R2 | SI16136 | Latest cumulative PTF package | 11/17/2004 |
| V5R1 | SI11806 | Latest cumulative PTF package | 04/30/2004 |
| Database/SQL | | | |
| V5R3 | SI16496 | Latest cumulative PTF package | 12/09/2004 |
| V5R2 | SI16136 | Database/SQL group PTF | 11/17/2004 |
| V5R1 | SI11806 | Database/SQL group PTF | 04/30/2004 |



Chapter 2

Installing Client Access/iSeries Access Express

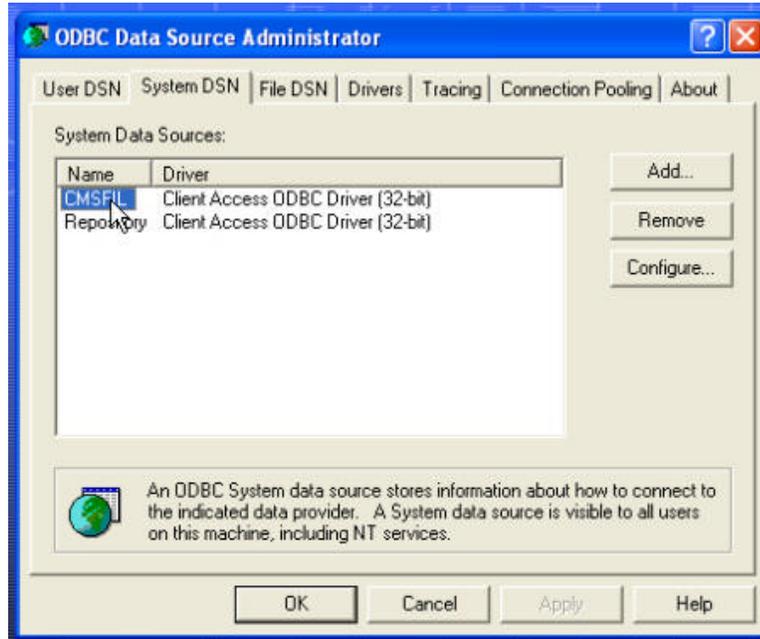
iSeries Access Express is an IBM product that provides client/server capabilities for connecting PCs to iSeries servers. iSeries Access Express must be installed before installing Business Objects on your server.

Note Before upgrading your current version of Client Access, open the ODBC Manager and delete the current Client Access, CMSFIL, and Repository connections.

To delete the current version of Client Access, CMSFIL, and Repository connections

- 1 On the **Windows Start** menu, select **Control Panel**, select **Administrative Tools**, and then select **Data Sources (ODBC)**.
- 2 On the **System DSN** tab, select **CMSFIL**, and then click **Remove**.

- 3 An **ODBC Administrator** appears, asking if want to remove the **CMSFIL Data Source**. Click **Yes**, and then click **OK**.



- 4 Repeat the same steps to delete the current **Repository** connection.

To install iSeries Access Express

- 5 Insert the Client Access Express CD in your CD-ROM drive.
If the installation does not automatically begin, in Windows Explorer, navigate to D:\iSeries Access Original Install Programs\V5R2\ (where D:\ is your CD-ROM drive), and then double-click SETUP.EXE.

The Upgrade Client Access Express message box appears.



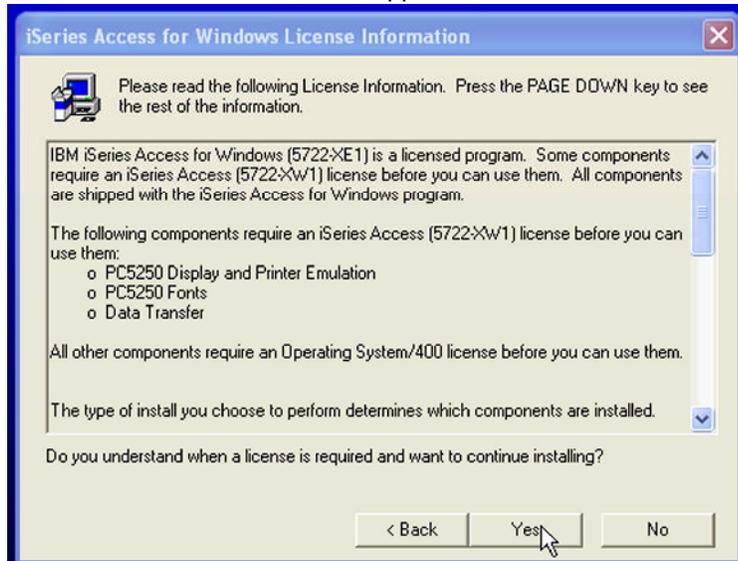
- 6 In the **Upgrade iSeries Access Express** message box, click **Yes**.

The Upgrade Client Access Express window opens.



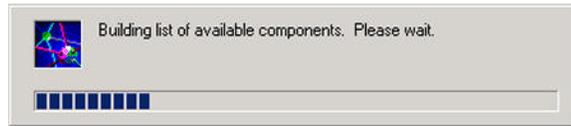
7 Click **Next**.

The License Information window appears.

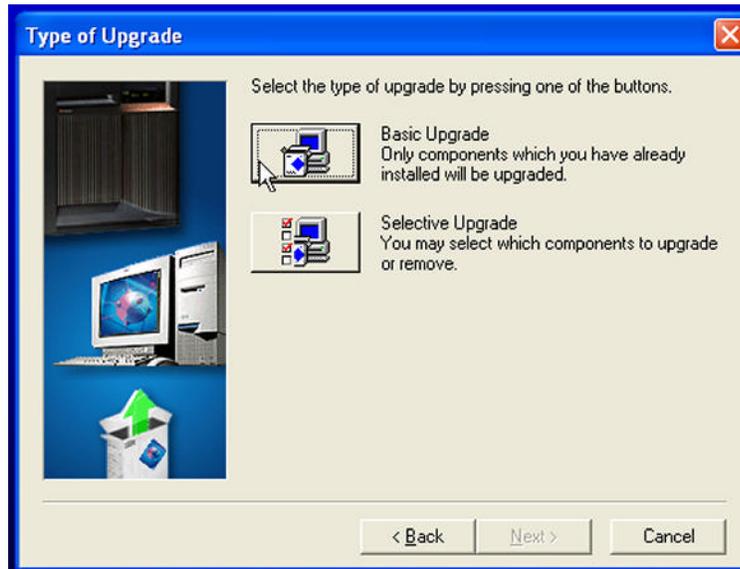


8 Click **Yes**.

The Building List of Components window displays with a progress indicator.

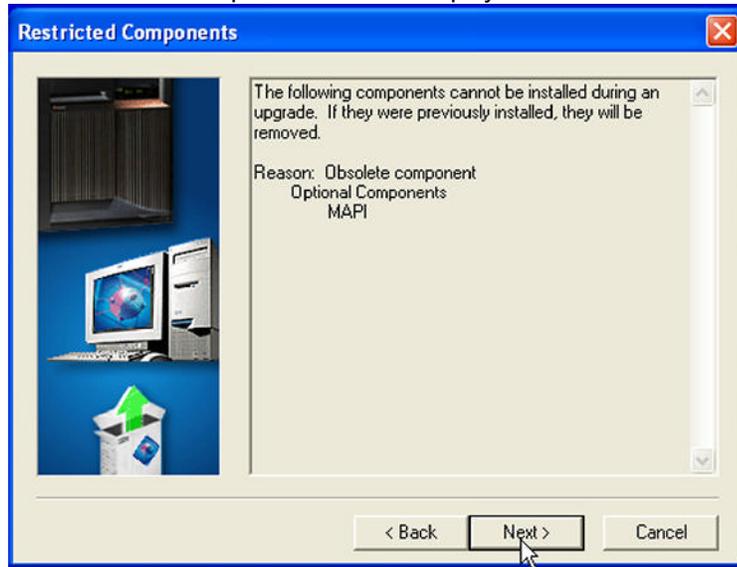


The Type of Upgrade window displays after the list of components is built.



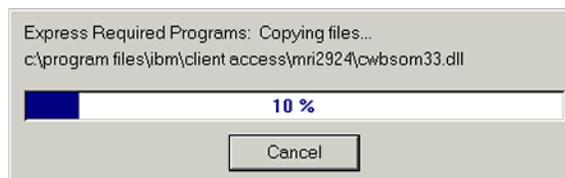
9 Click **Basic Upgrade**.

The Restricted Components window displays.

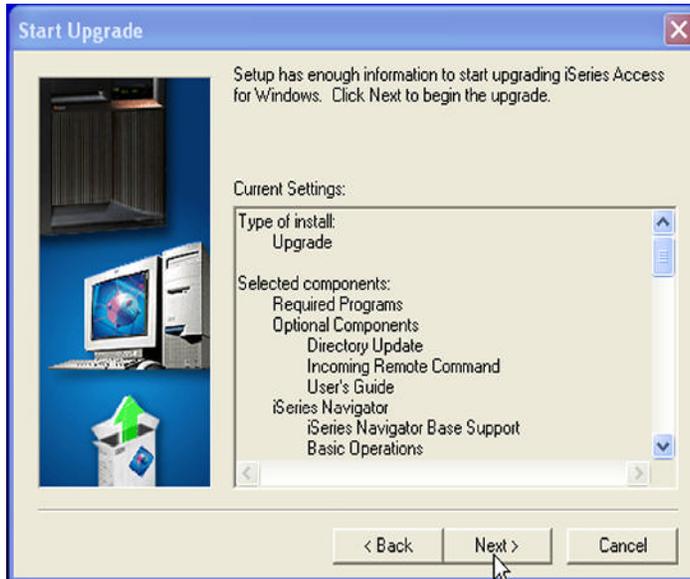


10 Click **Next**.

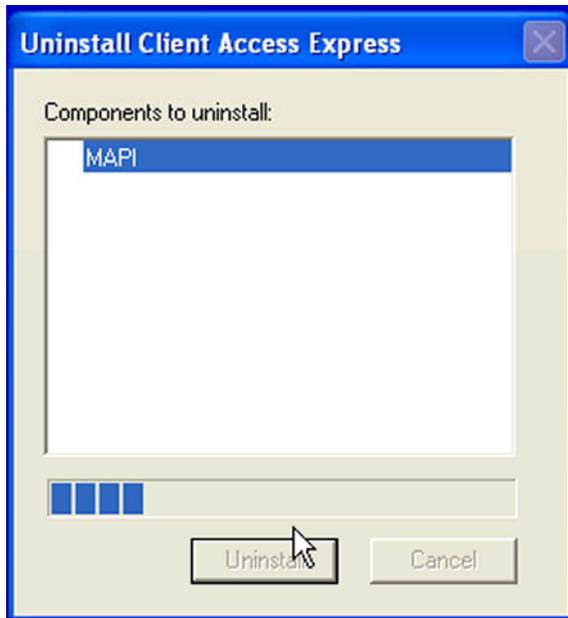
The File Copy progress indicator box displays.



11 The Start Upgrade window displays.



Uninstall Client Access Express.

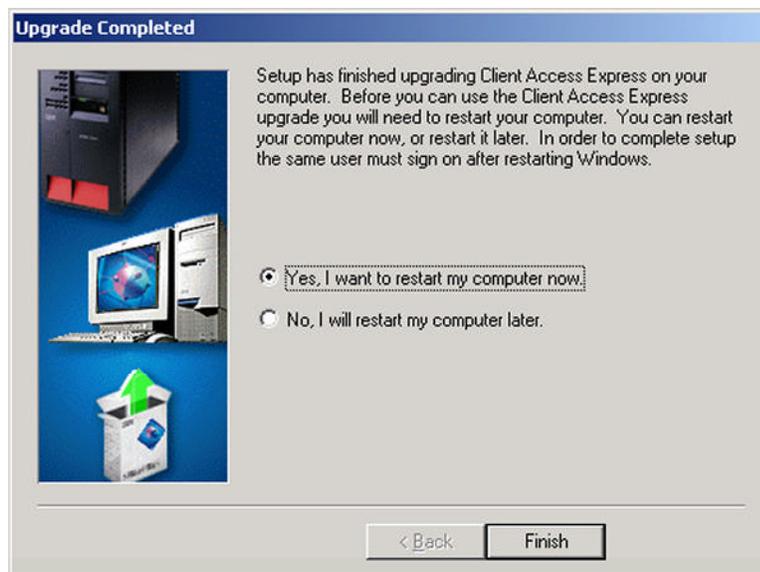


Once the files are copied, the Upgrade Completed window displays.



12 Select the desired options and click **Next**.

The Restart Computer window displays.



13 Click **Yes** to restart your computer now or **No** to restart your computer later, and then click **Finish**.



Chapter 3

Installing iSeries Access Service Pack

After installing iSeries Access Express, you must install the latest service pack before installing Business Objects.

To download and install the iSeries Access Service Pack

- 1** Create a folder named Client Access Installation on the Desktop.
To do this, right-click on the Desktop, point to New, and then click Folder. Name the folder Client Access Installation.
This folder will contain the installation files.
- 2** On the **Start** menu, point to **Programs**, point to **IBM AS400 iSeries Access Express**, and then click **Internet Information**.

The iSeries Access Express window displays.

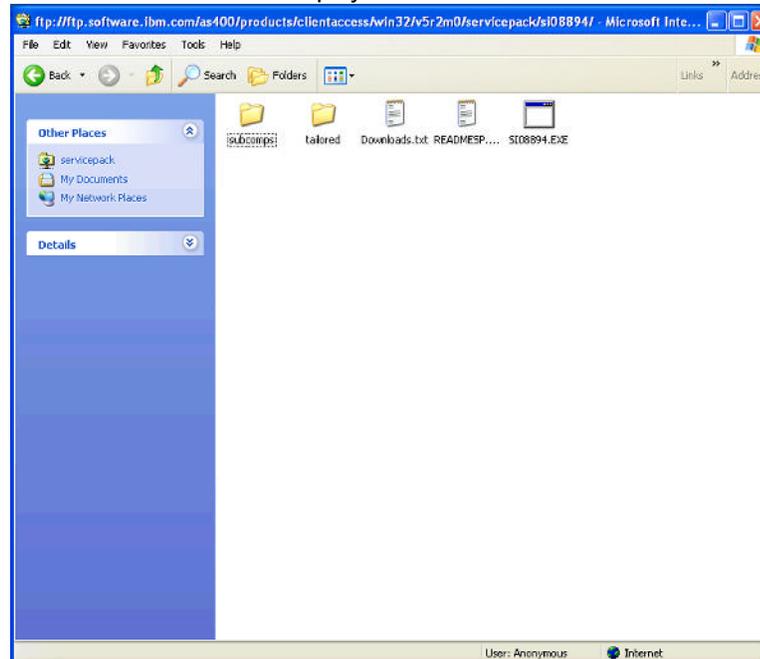


- 3 Click **AS/400 iSeries Access** in the top left corner.
- 4 Depending on your iSeries Access version, click the **SI number** in the table that corresponds to your Client Access version.

For example, if you have V5R3 loaded on your machine, click the SI number next to V5R3.

Note The service level number on the web site may be higher than what is listed in this example.

The Downloads window displays.



5 Click the **.exe** file.

The File Download window displays.



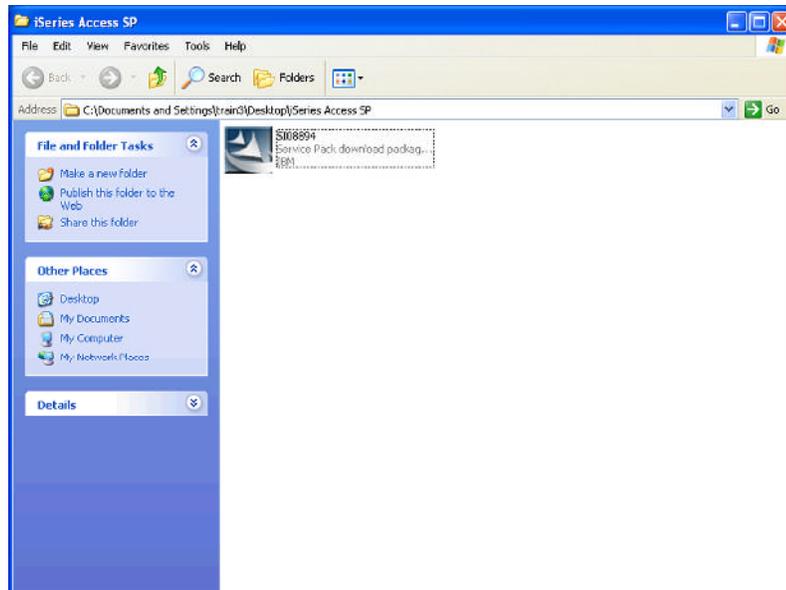
- 6 Click **Save**, and then save the file in the iSeries Access Installation folder on your Desktop.

The Download Status window displays.

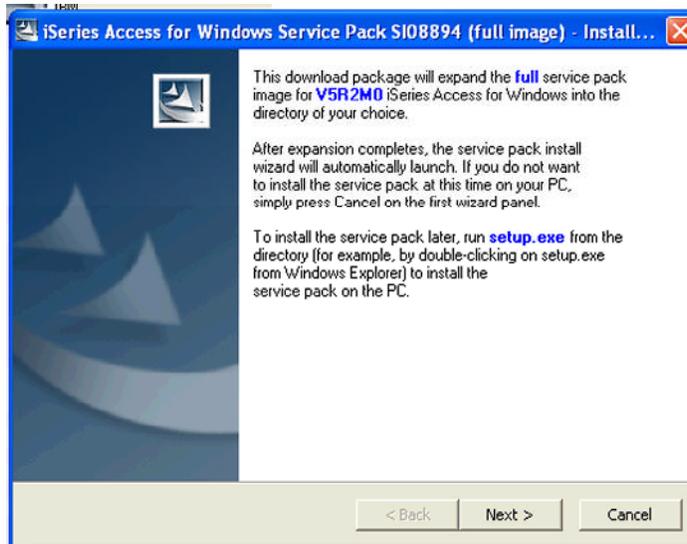


- 7 On the **Desktop**, in the **Client Access Installation** folder, double-click **.exe** file.

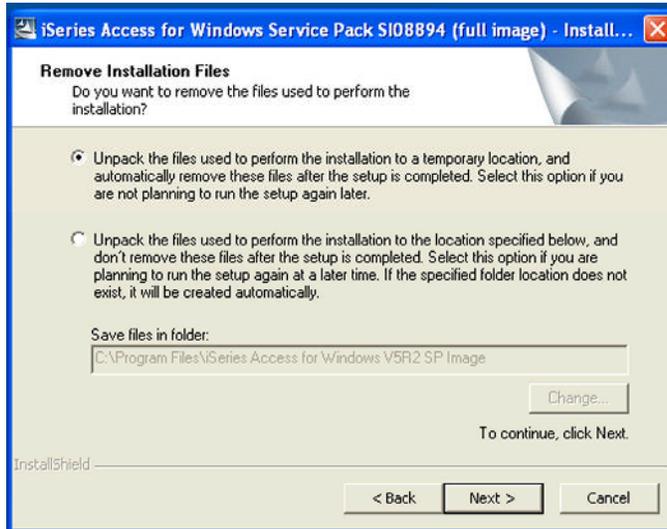
In the following example, the file is named SI08894.exe.



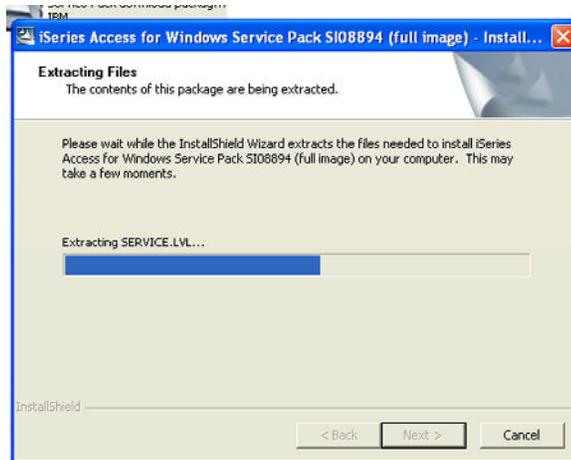
- 8 In the **iSeries Access Installation** folder, double-click the **Setup.exe** file.
- 9 The iSeries Access for Windows Service Pack Installation begins. Click **Next** after this.



10 Select Unpack the Files Used to Perform.



11 A message box opens that prompts you that contents of this package are being extracted.

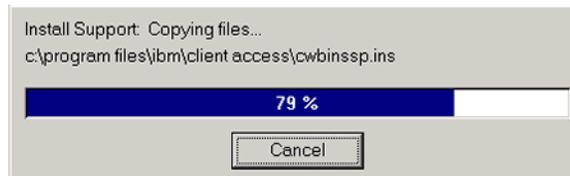


The Start Copying Files window appears after the list of components is built.

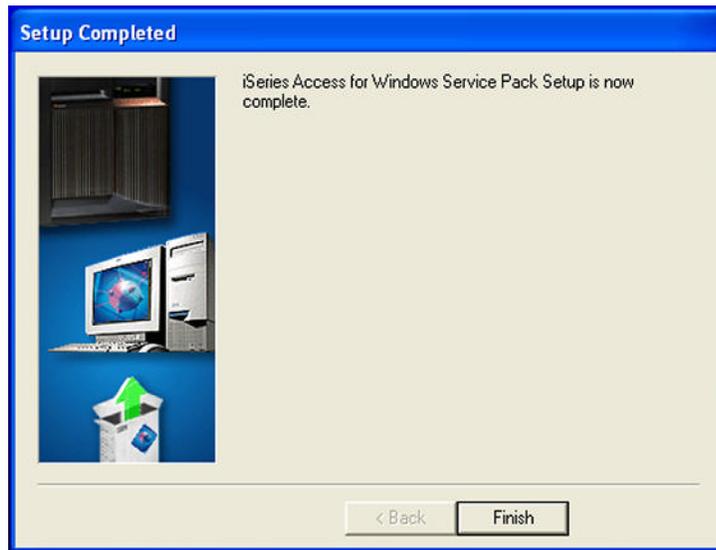


Click **Next**.

12 The Copying Files progress indicator box displays.



- 13** Setup completed. Once the files are copied, the Setup Complete window displays.



- 14** Click **Yes** to restart your computer now or **No** to restart your computer later, then click **Finish**.



Chapter 4

Creating ODBC Connections for Windows 2000 and XP

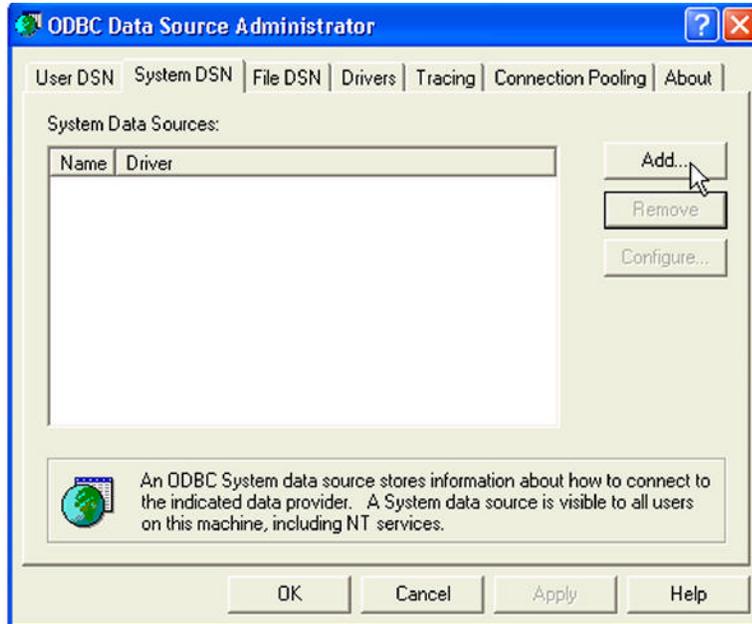
To install Business Objects, you must first create two connections to two databases. The first connection is to the library where the repository will be installed, and is explained in "[Creating a Connection to the Repository](#)" on page 22. Once you have completed all the steps in that section to connect to the Repository, you must follow the instructions in "[Creating a Connection to the CMSFIL Data Source](#)" on page 29 to create the second connection to the CMSFIL data source.

- CMSFIL - Corporate database
- CGCUNV51 - Repository

Creating a Connection to the Repository

- 1 On the **Start** menu, point to **Settings**, and then click **Control Panel**.
- 2 On the **Control Panel** window, open **Administrative Tools**, and then open **Data Sources (ODBC)**.

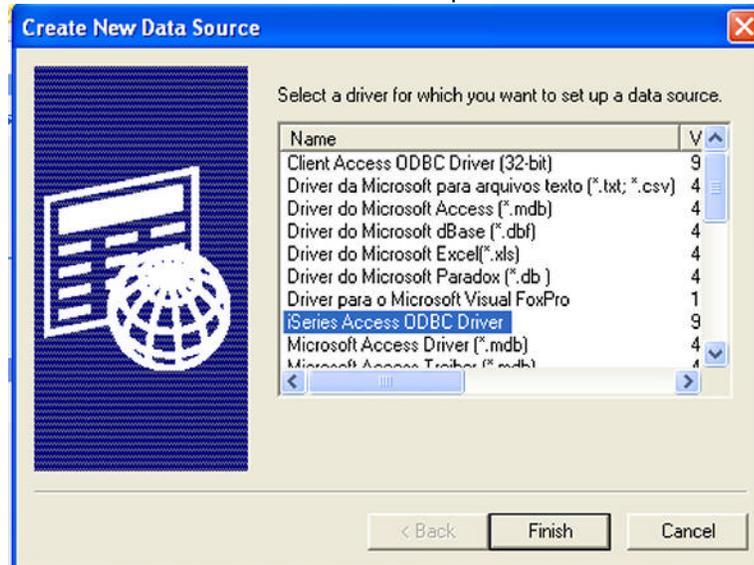
The ODBC Data Source Administrator opens.



In the example above, the System DSN tab is shown. Normally, when you open the ODBC Data Source Administrator, the User DSN tab is active

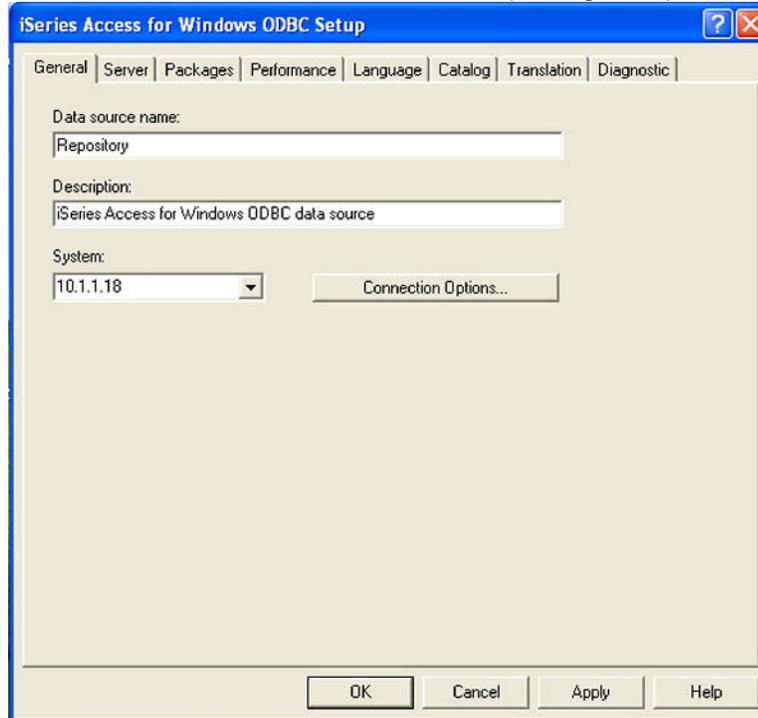
- 3 On the **System DSN** tab, click **Add**.

The Create New Data Source window opens.



- 4 Select **iSeries Access ODBC Driver**, and then click **Finish**.

The iSeries Access for Windows ODBC Setup dialog box opens.



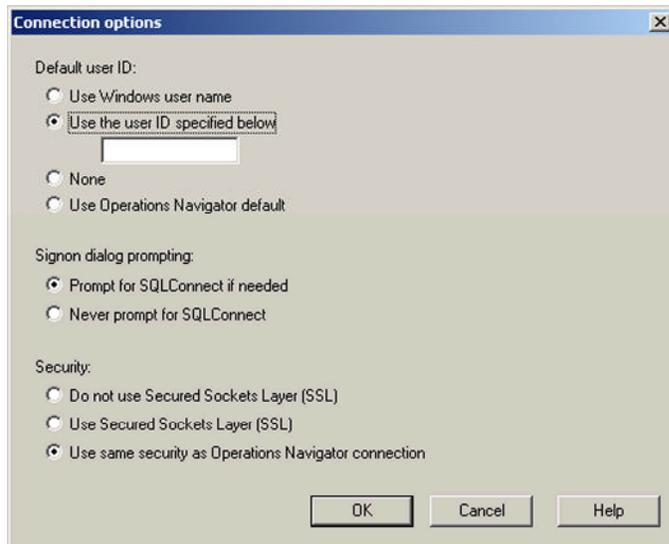
5 In the **iSeries Access for Windows ODBC Setup** dialog box, on the **General** tab, perform the following:

- a** In the **Data Source Name** box, enter **Repository**.
- b** In the **AS/400 System** drop-down list, enter the iSeries IP address.

In the example above, the AS/400 System IP address is 10.1.1.18.

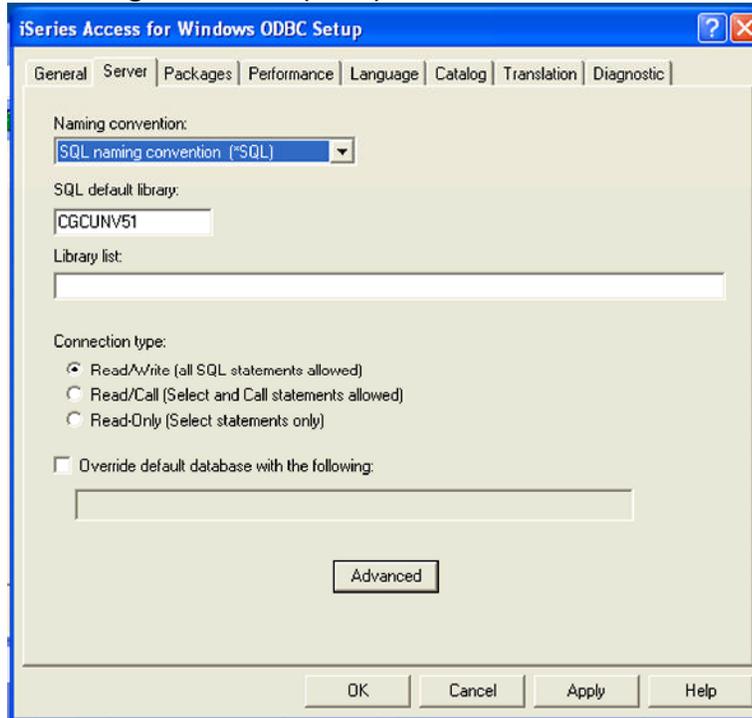
- c Click **Connection Options**, and then under **Default User ID**, select **Use the user ID specified below**.

Important Do not specify a user ID.



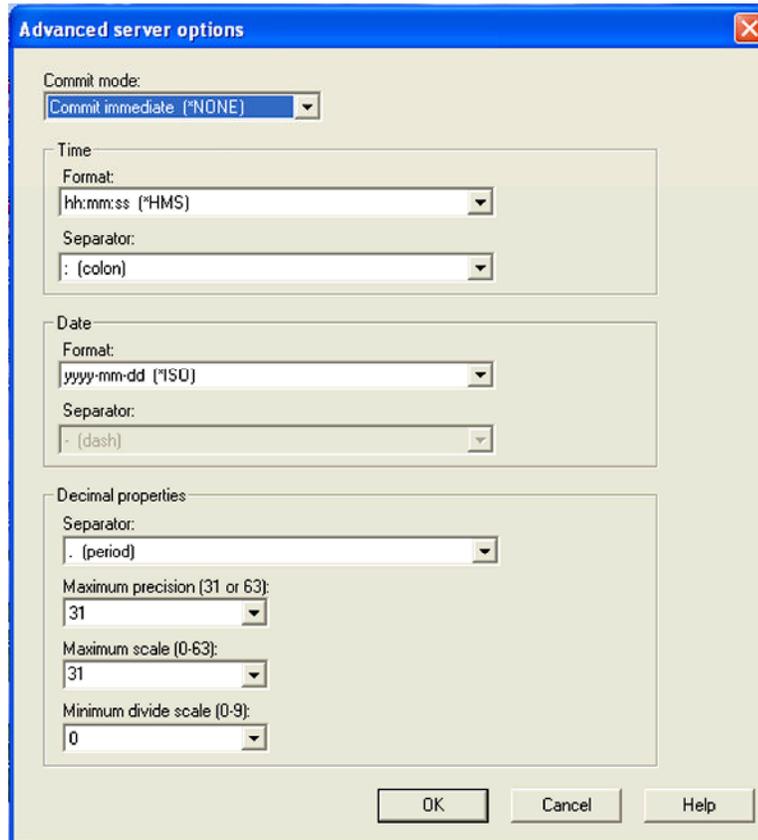
- d Under **Signon dialog prompting**, select **Prompt for SQLConnect if needed**.
 - e Under **Security**, select **Use same security as Operations Navigator connection**, and then click **OK**.
- 6 In the **iSeries Access for Windows ODBC Setup** dialog box, on the **Server** tab, perform the following:

- a In the **Naming convention** drop-down list, select **SQL naming convention (*SQL)**.



- b In the **SQL default library** box, enter **CGCUNV51**.
- c Under **Connection Type**, select **Read/Write (all SQL statements allowed)**.

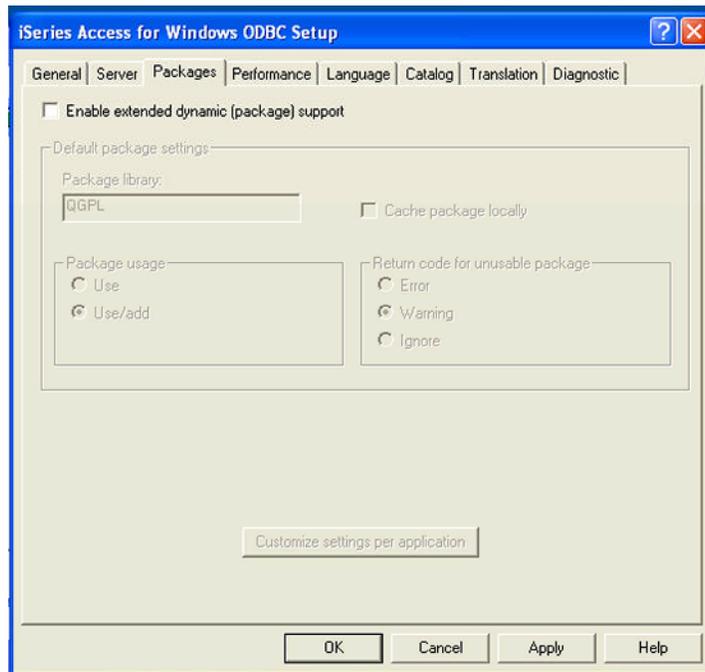
- d Click **Advanced**, and then in the **Advanced server options** dialog box, in the **Commit Mode** drop-down list, select **Commit immediate (*NONE)**, and then click **OK**.



Note Leave all other defaults on the Advanced server options dialog box.

- e In the **iSeries Access for Windows ODBC Setup** dialog box, on the **Packages** tab, clear the **Enable extended dynamic (package) support** check box.

When you clear this check box, all other options on the Packages tab become unavailable.



- 7 Click **OK**, and continue to ["Creating a Connection to the CMSFIL Data Source"](#) on page 29.

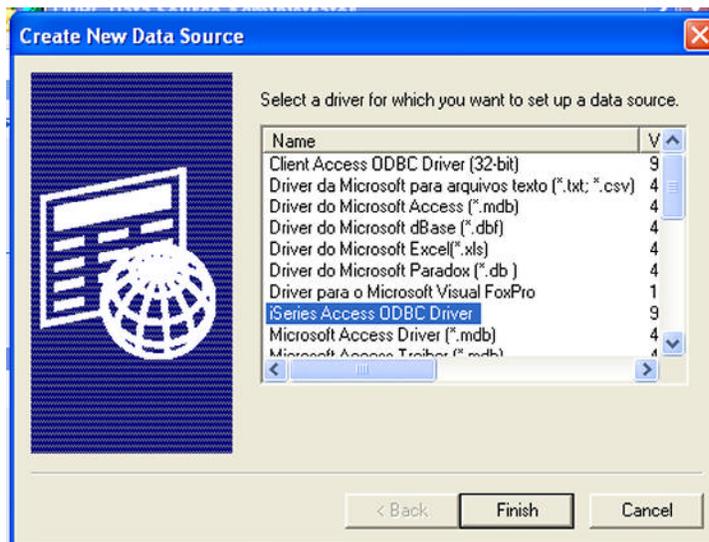
Creating a Connection to the CMSFIL Data Source

This section explains how you create a connection to the CMSFIL data source after you have followed the steps in "[Creating a Connection to the Repository](#)" on page 22.

To create a connection to the CMSFIL data source

- 1 In the **ODBC Data Source Administrator**, on the **System DSN** tab, click **Add**.

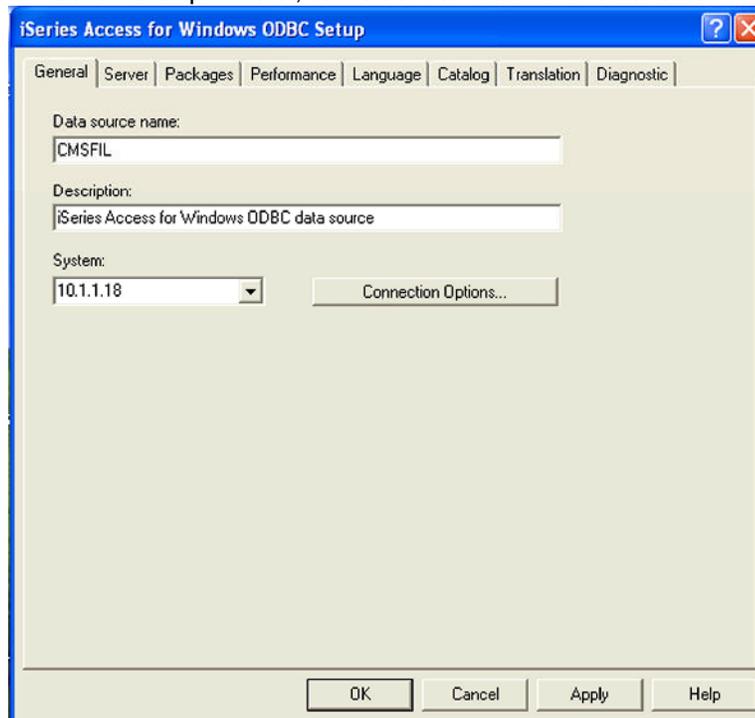
The Create New Data Source dialog box opens.



- 2 On the **Create New Data Source** dialog box, select **iSeries Access ODBC Driver**, and then click **Finish**.

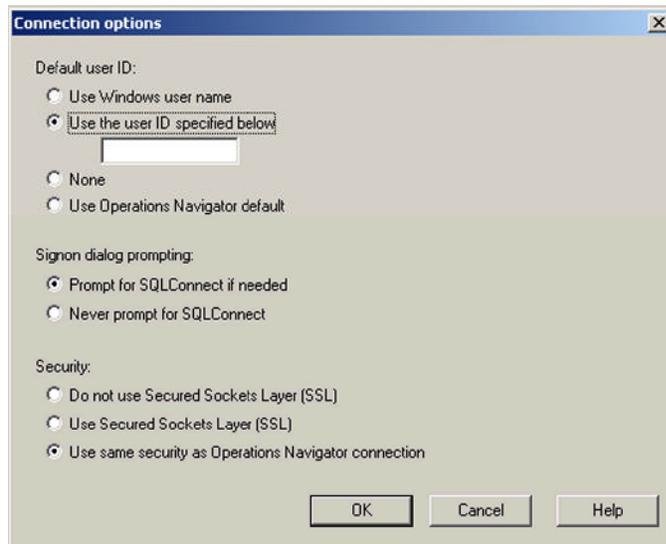
- 3 On the **ODBC Setup** window, on the **General** tab, perform the following:
 - a In the **Data Source Name** box, enter **CMSFIL**.
 - b In the **AS/400 System** drop-down list, enter the iSeries IP address.

In the example below, the AS/400 IP address is 10.1.1.18.



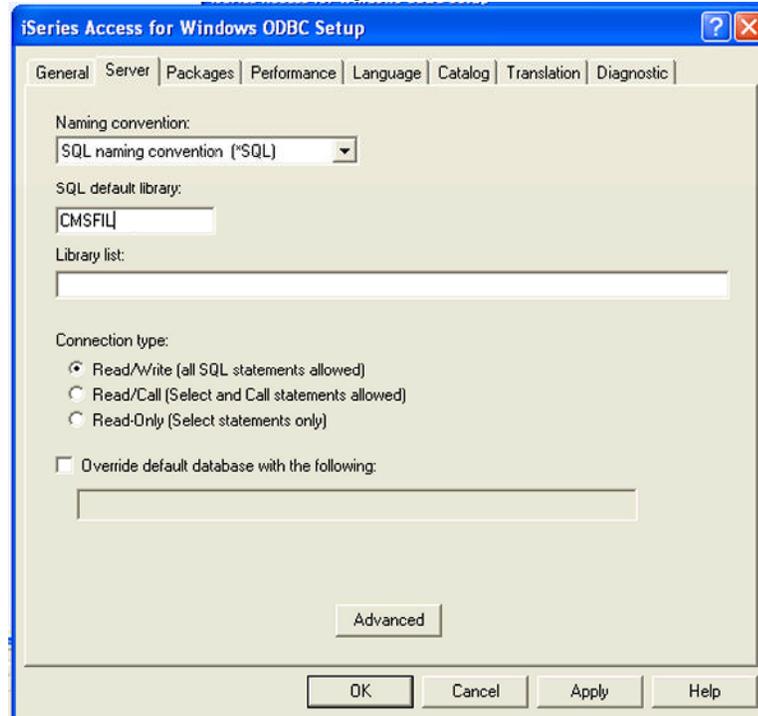
- c Click **Connection Options**, and then under **Default User ID**, select **Use the user ID specified below**.

Important Do not specify a user ID.



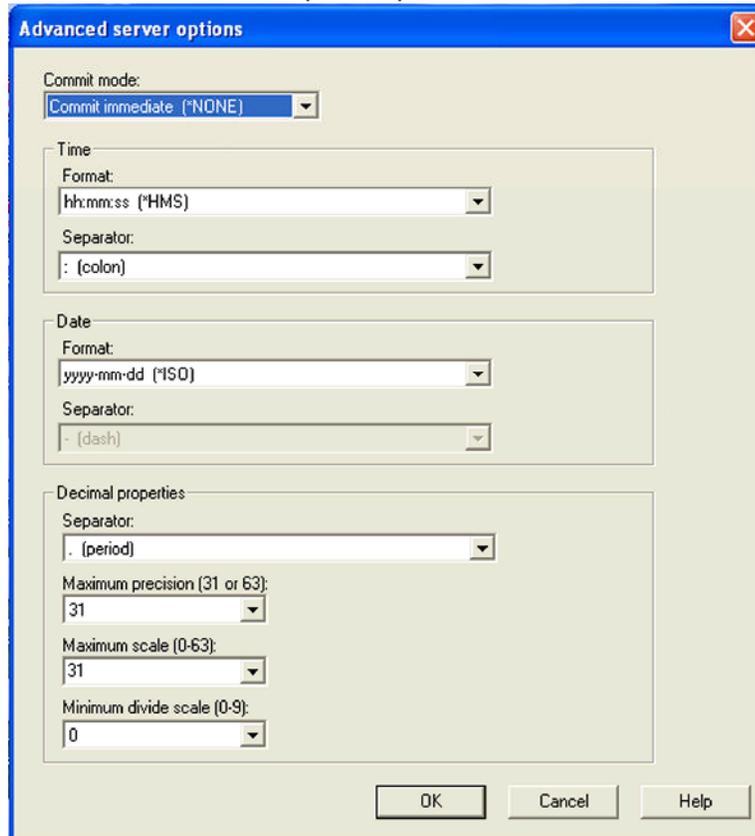
- d Under **Signon dialog prompting**, select **Prompt for SQLConnect if needed**.
 - e Under **Security**, select **Use same security as Operations Navigator connection**, and then click **OK**.
- 4 Click the **Server** tab, and then perform the following:
- a In the **Naming convention** drop-down list, select **SQL naming convention (*SQL)**.

b In the **SQL default library** box, enter **CMSFIL**.



c Under **Connection Type**, select **Read/Write (all SQL statements allowed)**.

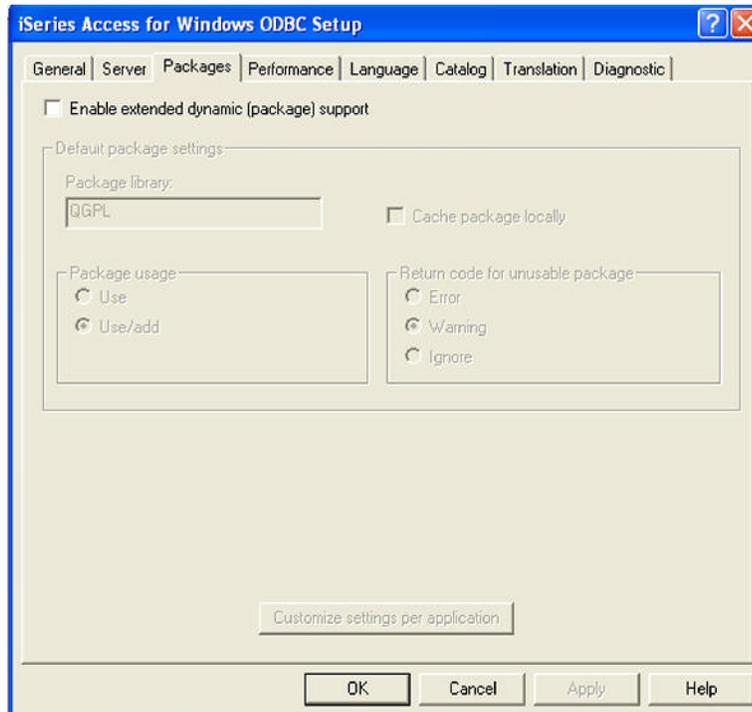
- d Click **Advanced**, and then in the **Advanced server options** dialog box, in the **Commit Mode** drop-down list, select **Commit immediate (*NONE)**, and then click **OK**.



Note Leave all other defaults on the Advanced server options dialog box.

- e In the **iSeries Access for Windows ODBC Setup** dialog box, on the **Packages** tab, clear the **Enable extended dynamic (package) support** check box.

When you clear this check box, all other options on the Packages tab become unavailable.



f Click **Apply**, and then click **OK**.

When you click OK, you return to the ODBC Data Source Administrator, which displays the new data sources you just created: CMSFIL and Repository.

5 In the **ODBC Data Source Administrator**, click **OK**.

6 If open, close the **Administrative Tools** window.



Chapter 5 Installing Supervisor/Business Objects

Your product key determines the modules that will be installed, which includes Supervisor. Also, before you install Business Objects, close all open applications.

To install Supervisor/Business Objects

- 1 Insert the Business Objects disk into your CD-ROM drive.

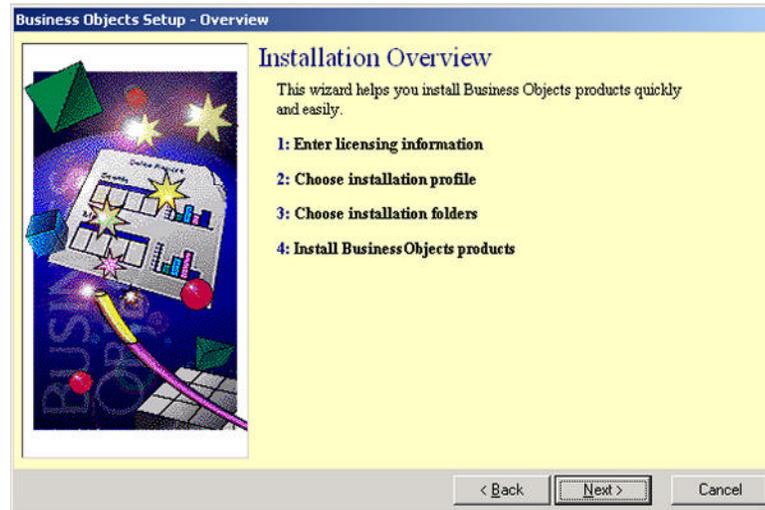
The installation program automatically starts and the Welcome to Business Objects Setup window appears.



If the Welcome to Business Objects Setup window does not automatically open, in Windows Explorer, navigate to D:\Vol1\Setup (where D:\ is your CD-ROM drive), and then double-click Setup.exe.

- 2 On the **Welcome to Business Objects Setup** window, select **Desktop Products**, and then click **Begin**.

The Installation Overview window opens.



- 3 Click **Next**.

The User Information window appears.

Business Objects Setup - Step 1

User Information

This information will be re-used for subsequent installations of Business Objects products.

- ◆ Enter your full name:
- ◆ You may also enter the name of your organization:

You can modify your installation by running Business Objects Setup again.

< Back Next > Cancel

- 4 On the **User Information** window, perform the following:
 - a In the **Enter your full name** box, enter a valid name.
In the example above, the full name is Bruce Banner and the organization name is Computer Guidance Corporation.
 - b In the **You may also enter the name of your organization** box, enter the name of your organization, and then click **Next**.
The Licensing Information window opens.

Business Objects Setup - Step 2

Licensing Information

Please enter your license keys.

- ◆ Product Key:
- ◆ Data Access Key:

< Back Next > Cancel

5 On the **Licensing Information** window, perform the following:

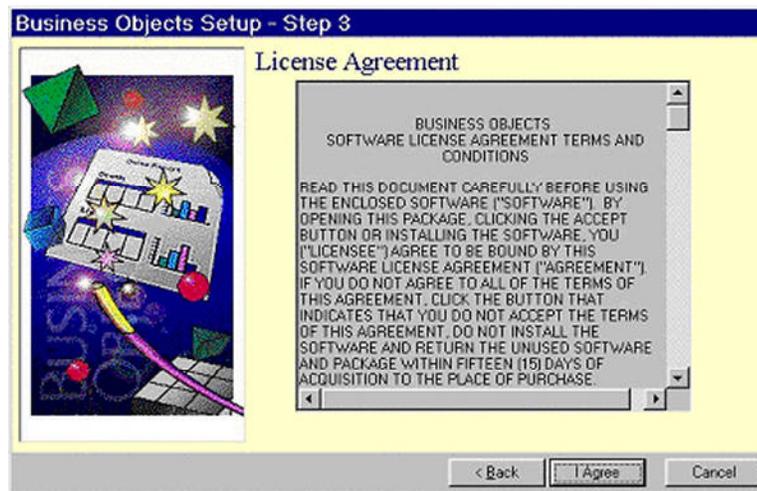
a In the **Product Key** box, enter a valid product key.

b In the **Data Access Key** box, enter the data access key.

The data access key is listed on the Welcome letter included with the Business Objects CD. As mentioned earlier, the product key and data access key you enter here determine which Business Objects modules are installed.

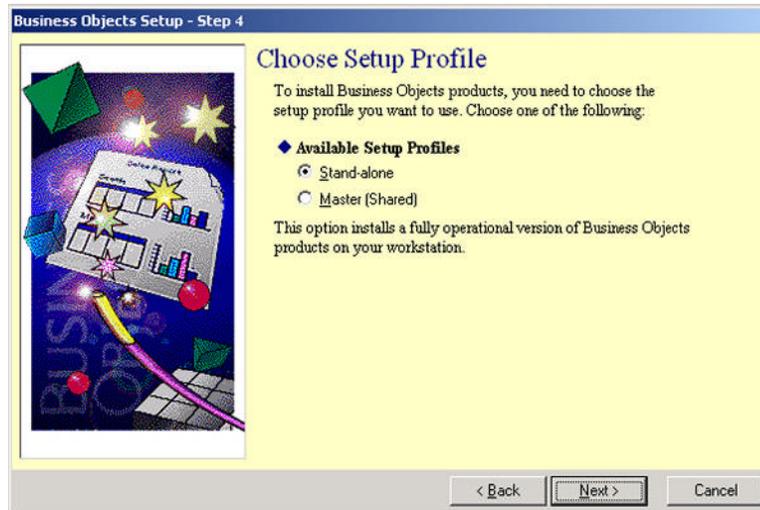
c Click **Next**.

The Business Objects Setup - License Agreement window appears.



6 Read the Business Objects license agreement carefully, and then click **I Agree**.

The Choose Setup Profile window appears.



- 7 On the **Choose Setup Profile** window, under **Available Setup Profiles**, select **Stand-alone**, and then click **Next**.

The Choose Installation Profile window appears.



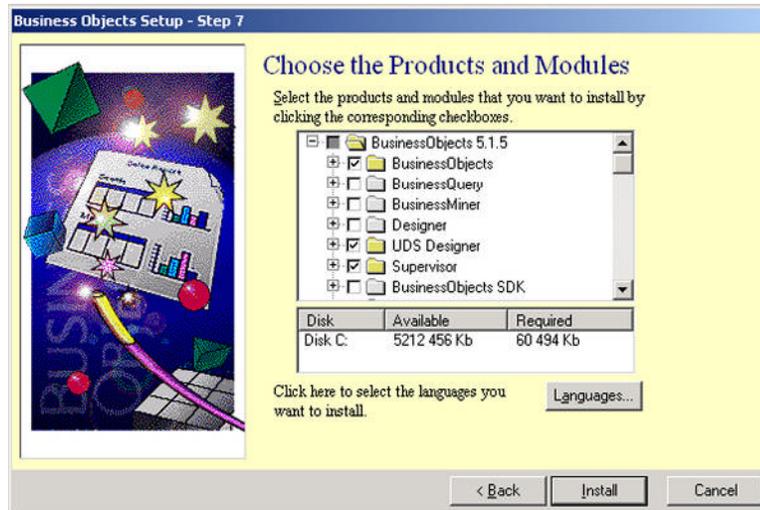
- 8 On the **Choose Installation Profile** window, under **Available Installation Profiles**, click **Custom**, and then click **Next**.

The Choose Installation Folders window opens.



- 9 On the **Choose Installation Folders** window, perform the following:
 - a If you do not want to use the default folder listed, next to the **Main Business Objects folder**, click **Browse**, and then select a folder for the installation.
 - b If you do not want to use the default subfolders, click **Others**, and then select the appropriate subfolders for the installation
 - c Click **Next**.
- 10 If the message appears stating the folder does not exist, click **Yes**.

The Choose Products and Modules window appears.



Note Your installation product key defaults to the modules your company purchased. Adding modules requires an additional product key.

11 On the **Choose the Products and Modules** window, perform the following:

a Ensure that **Business Objects** is selected.

Depending on the product key you entered earlier, Business Objects should already be selected. If not, when you select Business Objects, you must enter the Business Objects license key when prompted.

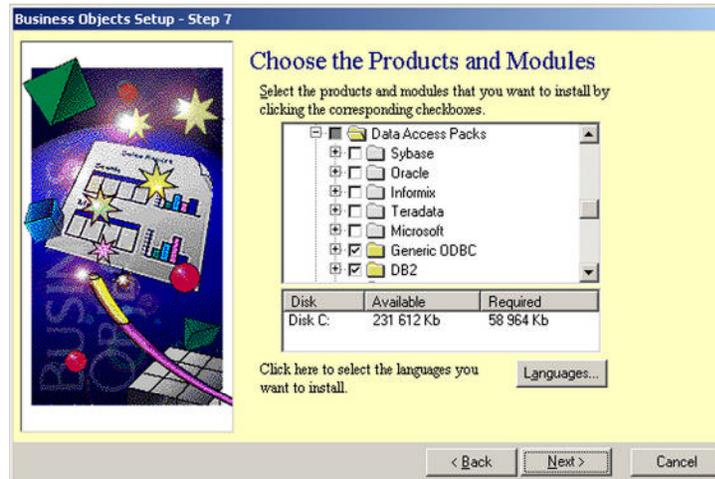
b If you are installing to the Supervisor's computer, ensure that **Supervisor** is selected.

Similar to Business Objects, depending on the license key you entered earlier, Supervisor should already be selected. If not, when you select Supervisor, you must enter the Supervisor license key when prompted.

c Select **Languages** to install a different language than English (default) for the regional settings.

If more than one language is installed, you can select the interface language from within the application that you want to use.

- d Expand **Data Access Packs**, and then ensure that only **Generic ODBC** and **DB2** are selected.



- e Click **Next**.
The Business Objects Setup Close Applications window displays.



Note Do not select the box to prompt for more recent versions of files.

- 12 Click **OK**.

The Business Objects Setup progress indicator appears.



All required files are copied during the installation. Do not interrupt this process.

- 13 When you are prompted to view the README, click **Yes** to display the README file.



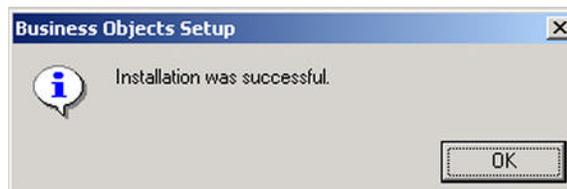
You can view related information on the Business Objects Web page. Go to www.businessobjects.com.

- 14 Close the README.
15 When you are prompted to check MiddleWare, click **Yes**.



The MiddleWare utility checks the Business Objects drivers that were installed. Although this step is not required, we recommend that you check MiddleWare for the Client Access Connection.

- 16 When the **Installation was successful** message appears, click **OK**.



Congratulations! You have successfully installed Business Objects. If you are a new user, we recommend you take the Business Objects Quick Tour located in the Business Objects folder.

17 Close all open windows.



Chapter 6

Creating the Business Objects Repository

The process of creating a Business Objects repository actually involves the following step:

- 1 ["Creating an Empty Repository on the AS/400"](#)

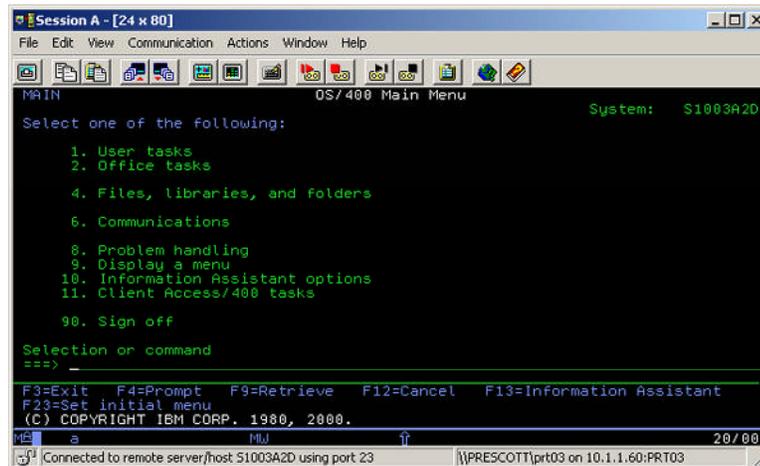
Creating an Empty Repository on the AS/400

Follow the procedure below to create the empty repository to which users will connect.

To create the AS/400 Business Objects Repository

- 1 In an AS/400 session, on the **Sign On** screen, in the **User** field, type the user name required to access the AS/400.
- 2 In the **Password** field, type the password required to access the AS/400, and then press **Enter**.

The **AS/400 Main Menu** screen appears.



```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
MAIN OS/400 Main Menu System: S1003A20
Select one of the following:
  1. User tasks
  2. Office tasks
  4. Files, libraries, and folders
  6. Communications
  8. Problem handling
  9. Display a menu
 10. Information Assistant options
 11. Client Access/400 tasks
 90. Sign off
Selection or command
==>
F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant
F23=Set initial menu
(C) COPYRIGHT IBM CORP. 1980, 2000.
ME a MUJ 20/007
Connected to remote server/host S1003A2D using port 23 \\PRESCOTT\prt03 on 10.1.1.60:PRT03
```

- 3 On the **AS/400 Main Menu** screen, on the command line, type **CRTLIB CGCUNV51**, and then press **Enter**.
- 4 Leave the AS/400 session open, and continue to ["Building the Business Objects Repository"](#) on page 47.



Chapter 7

Building the Business Objects Repository

- 1 On the Start menu, point to Programs, select Business Objects 5.1, and then click Supervisor.

The User Identification dialog box appears.



- 2 The **User Identification** dialog box, perform the following:
 - a In the **User Name** box, type **GENERAL**.
You must type GENERAL exactly as it appears here in uppercase letters.
 - b In the **Password** box, type **SUPERVISOR**.
You must type SUPERVISOR exactly as it appears here in uppercase letters.
 - c Click **Admin**.

Note If you have already installed Business Objects and upgraded Client Access, or changed connections, you should perform a safe recovery.

The Administration Setup Wizard - Welcome window appears.



- 3 On the **Administration Setup Wizard - Welcome** window, click **Begin**.

The Choose Setup Configuration window opens.



- 4 On the **Choose Setup Configuration** window, select **Run a safe recovery**, and then click **Click Next**.

Note If you are performing an **upgrade**, **Run a safe recovery** and then skip step five.

Proceed directly to step six, [on page 50](#).

The Define the General Supervisor window opens.



The screenshot shows a dialog box titled "Administration Setup Wizard - Step 2/5" with the main heading "Define the General Supervisor". Below the heading, it says "You must identify the supervisor to secure your environment." There are four input fields, each preceded by a blue diamond icon:

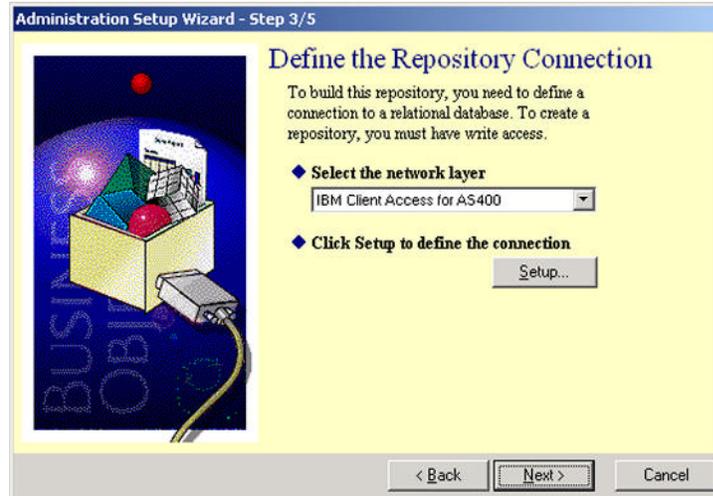
- Enter the supervisor name:** The text "BACKDOOR" is entered in the field.
- Enter the supervisor password:** The field contains a series of asterisks.
- Confirm the supervisor password:** The field contains a series of asterisks.
- Enter the company name:** The text "Computer Guidance Corporation" is entered in the field.

Below the fields, it says "Click Next to continue." At the bottom of the dialog box are three buttons: "< Back", "Next >", and "Cancel".

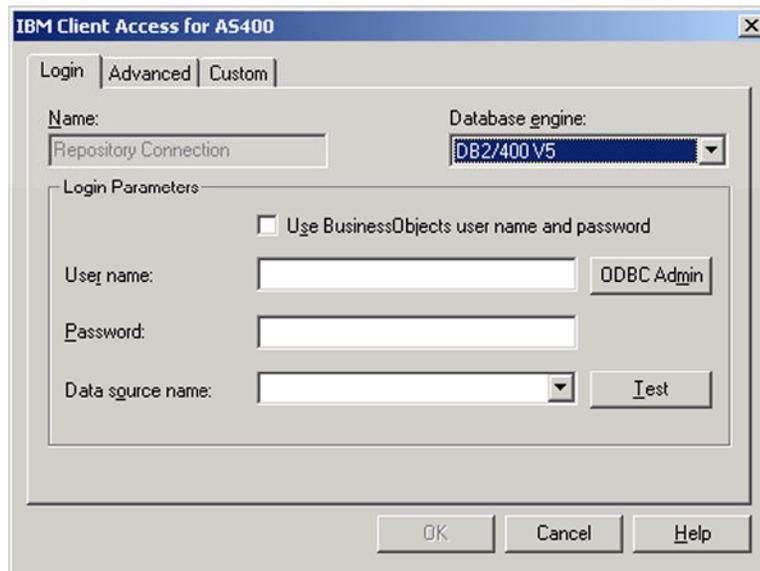
- 5** On the **Define the General Supervisor** window, perform the following:
 - a** In the **Supervisor Name** box, type **BACKDOOR**.
You must type BACKDOOR exactly as it appears here in uppercase letters.
 - b** In the **Supervisor Password** box, type **backdoor**.
You must type backdoor exactly as it appears here in lowercase letters.
 - c** In the **Company Name** box, enter the company name.
 - d** Click **Next**.

Note If you are performing a safe recovery, you **will not** see this dialog box.

The Define the Repository Connection window opens.

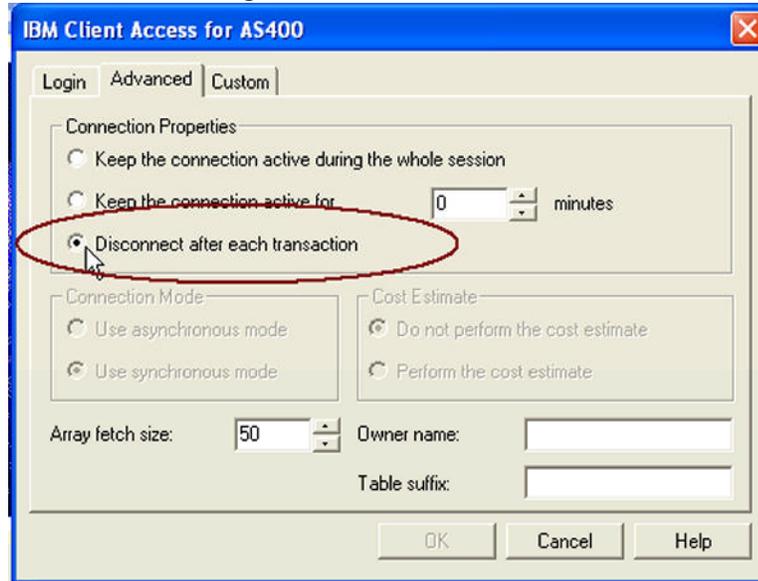


- 6 On the **Define the Repository Connection** window, click **Setup**. The IBM Client Access for AS400 dialog box opens.



- 7 After each transaction:
 - a Select the **Advanced Tab**.
 - b Select **Disconnect** after each transaction (do not select **OK**).

c Then, select **Login**.



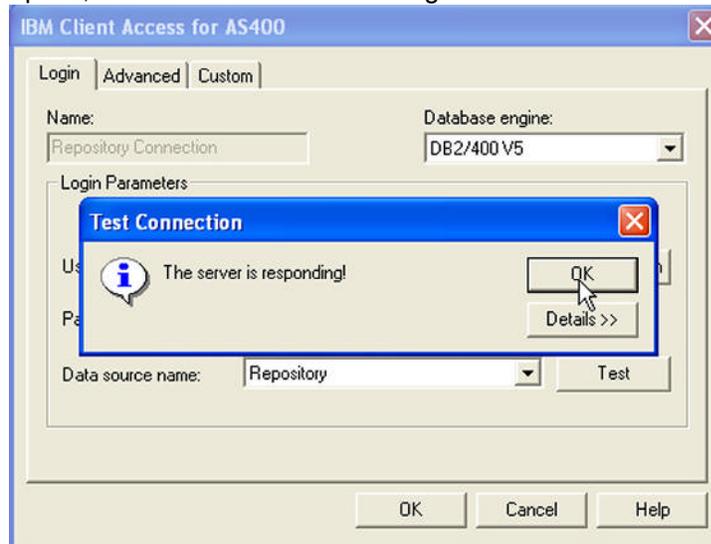
- 8 On the **IBM Client Access for AS400** dialog box, perform the following:
 - a In the **Database Engine** drop-down list, select **DB2/400V5**.

- b** In the **User Name** box, enter the AS/400 administrator user name.

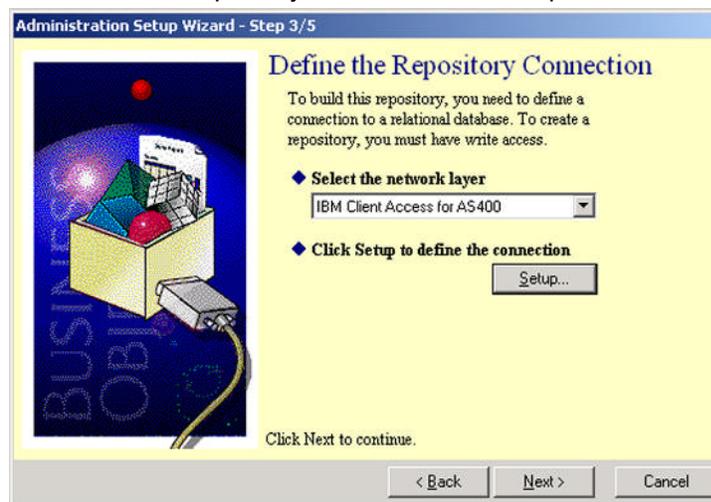
The screenshot shows the 'IBM Client Access for AS400' dialog box. It has three tabs: 'Login', 'Advanced', and 'Custom'. The 'Login' tab is selected. The 'Name' field contains 'Repository Connection'. The 'Database engine' dropdown is set to 'DB2/400 V5'. Under the 'Login Parameters' section, there is a checkbox labeled 'Use BusinessObjects user name and password' which is unchecked. The 'User name' field contains 'QSECOFR' and has an 'ODBC Admin' button next to it. The 'Password' field contains 'XXXXXXXXXX'. The 'Data source name' dropdown is set to 'Repository' and has a 'Test' button next to it. At the bottom of the dialog are 'OK', 'Cancel', and 'Help' buttons.

- c** In the **Password** box, enter the AS/400 administrator password.
- d** In the **Data Source Name** drop-down list, select **Repository**.

- e Click **Test**, and when the Test Connection message box opens, click **OK** to close the message box.



- f On the **IBM Client Access for AS400** dialog box, click **OK**. The Define the Repository Connection window opens.

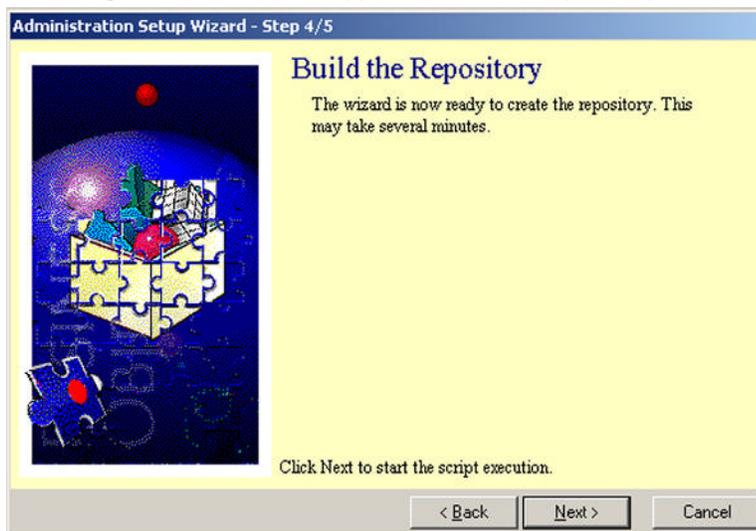


- 9 Click **Next** to begin the script execution.



- 10 On the **Build the Repository** screen, click **Next**.

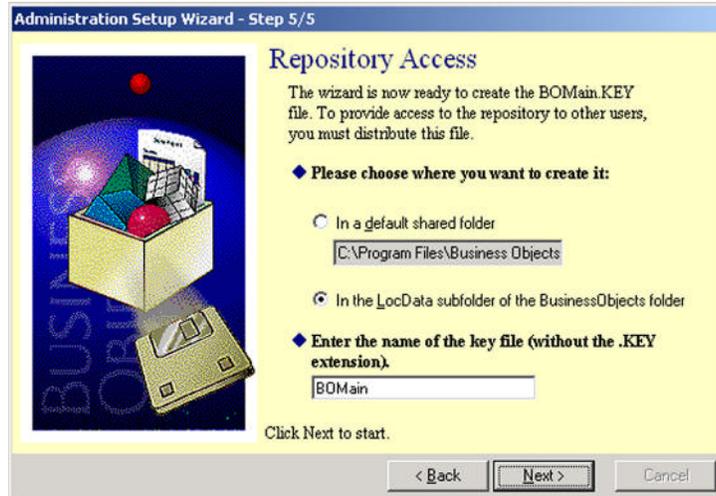
The Congratulations window appears after the scripts are processed.



- 11 Click **Next**.

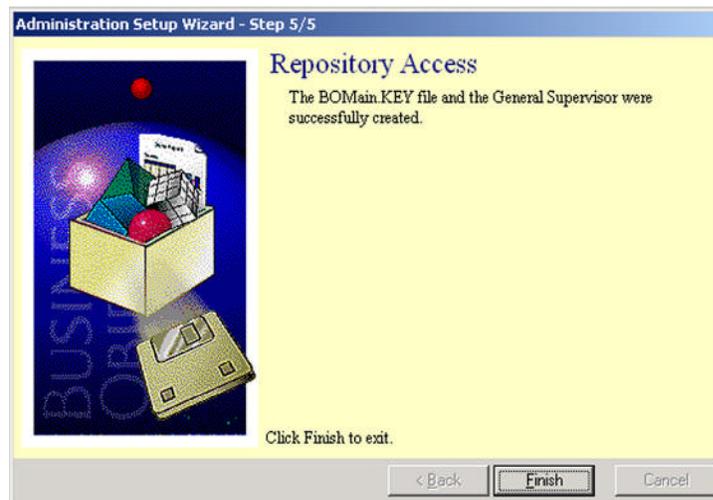
In the remaining steps, you create the BOMain key.

The Repository Access window appears.



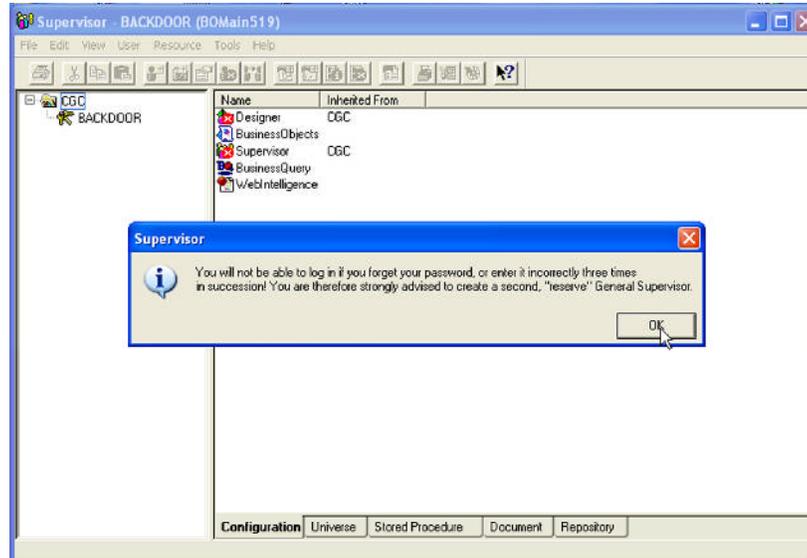
- 12** On the **Repository Access** window, perform the following:
 - a** Select **In the LocData subfolder of the Business Objects folder**.
 - b** Accept the default key file **BOMain**.
 - c** Click **Next**.

The Repository Access Complete window appears.



- 13** On the **Repository Access Complete** window, click **Finish**.

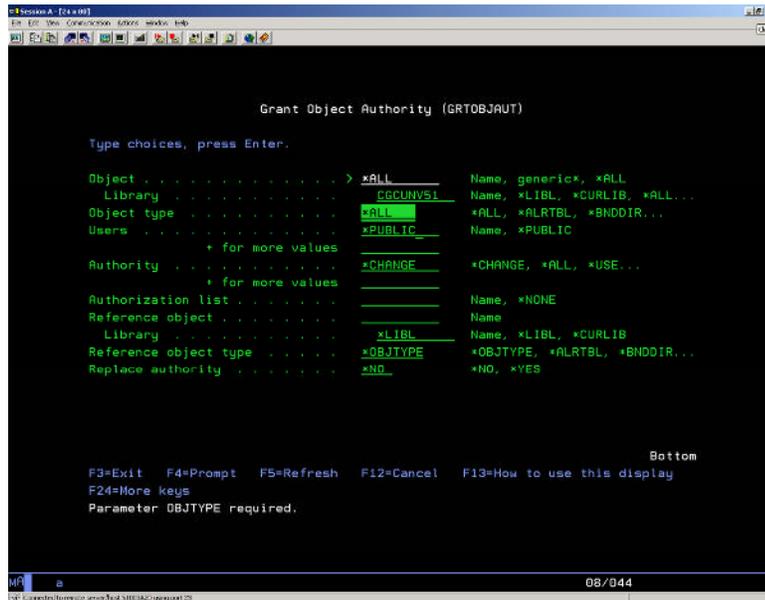
14 Close the application.



Granting Object Authority to the Repository

- 1 In an AS/400 session, on a command line, type **GRTOBJAUT** **CGCGUNV51**, and then press **ENTER** to grant object authority to the new library.

The Grant Authority screen appears.



- 2 On the **Grant Authority** screen, perform the following:
 - a In the **Object** field, type ***ALL**.
 - b In the **Library** field, type **CGCUNV51**

Note Do not enter an asterisk in front of the library name.

 - c In the **Object Type** field, enter ***ALL**.
 - d In the **Users** field, type ***PUBLIC**.
 - e In the **Authority** field, type ***CHANGE**.
 - f Leave the **Authorization List** and **Reference Object Type** fields blank.
 - g In the **Library** field, type ***LIBL**.
 - h In the **Reference Object Type** field, type ***OBJTYPE**.

- i** In the **Replace Authority** field, type ***NO**.
- j** Press **Enter**.
- 3** Exit the AS/400 session.



Chapter 8

Setting Up General and New Users in Supervisor

A Business Objects Administrator is set up using the General Supervisor Profile in Supervisor. All other users are set up with the Supervisor profile.

As a general rule, you should create a secondary (backup) General Supervisor profile in the Supervisor application. This way, in the event that your regular General Supervisor profile becomes disabled or corrupt, you can use the backup General Supervisor profile to log in with administrative rights.

To set up the secondary General Supervisor profile

- 1 On the **Windows Start** menu, point to **Programs**, point to **Business Objects 5.1**, and then click **Supervisor**.

The User Identification dialog box appears.



- 2 The **User Identification** dialog box, perform the following:
 - a In the **User Name** box, type **BACKDOOR**.
You must type BACKDOOR exactly as it appears here in uppercase letters.
 - b In the **Password** box, type **backdoor**.

You must type backdoor exactly as it appears here in lowercase letters.

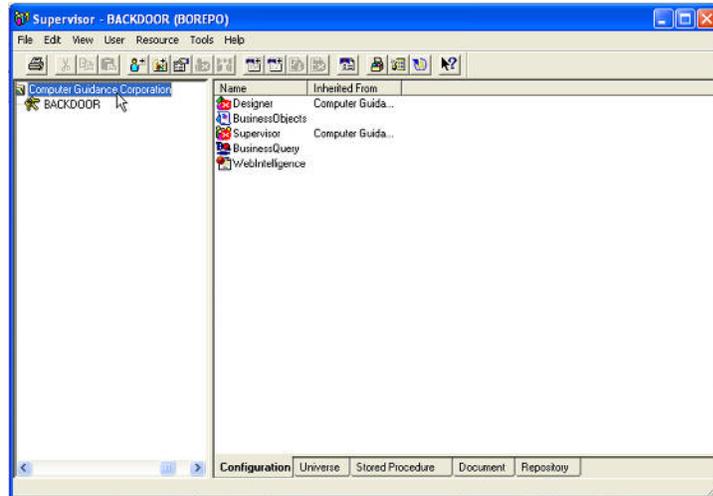
- c Click **OK**.

The Supervisor message box appears.

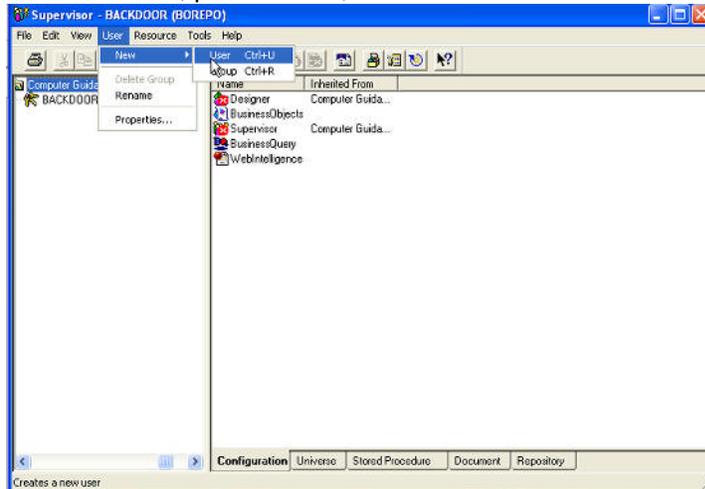


- 3 Click **OK**.

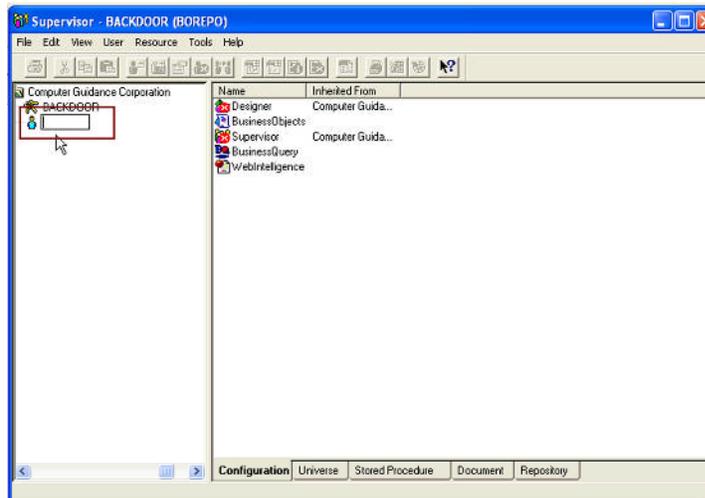
The Supervisor Backdoor window opens.



- 4 On the **User** menu, point to **New**, and then click **User**.



The column on the left side of the window displays a user icon and positions the cursor for entry of the user ID.



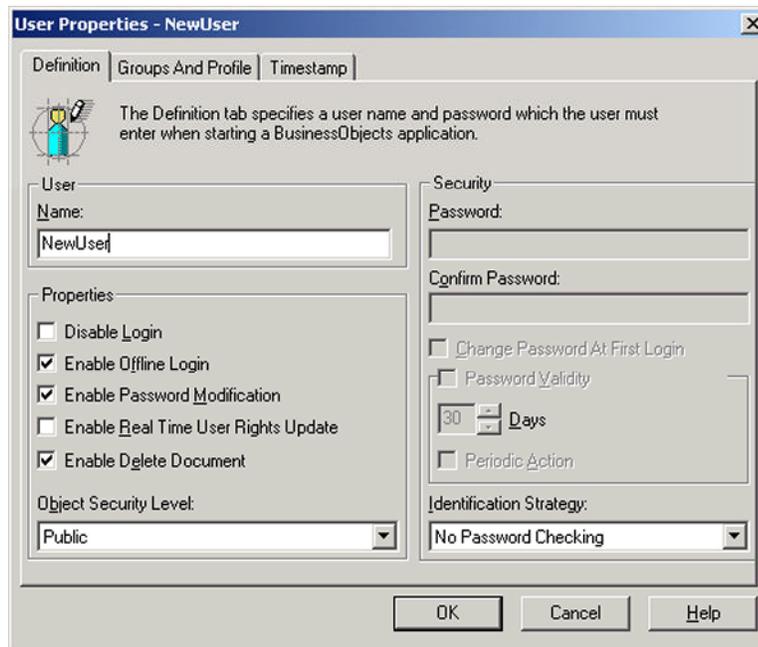
- 5 Enter the Business Objects Administrator User ID.

Note This ID **must** match the user ID set up in CMS AS/400 Security.

- 6 Press **Enter**.

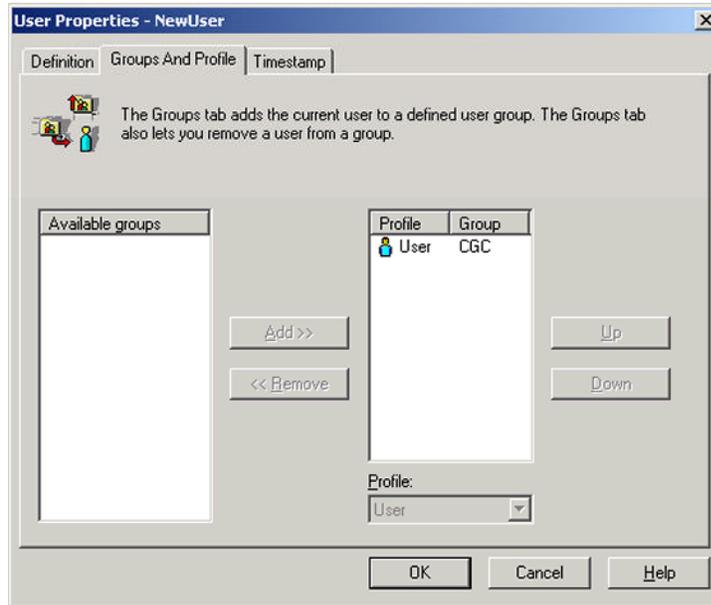
- 7 Right-click the new user name, and then select **Properties**.

The User Properties - New User window displays.



- 8 On the **User Properties - New User** dialog box, on the **General** tab, perform the following:
 - a Verify the user name is correct.
 - b Accept the default **Enable Offline Login** and **Enable Delete Documentation** properties.
 - c Do not enter a password.
 - d In the **Identification Strategy** drop-down list, select **No Password Checking**.
 - e Select other options listed per your company specifications.

f Click the **Groups and Profiles** tab.



- 9 On the **Groups and Profile** tab, perform the following:
- Select the user name.
 - In the **Profile** drop-down list, select the appropriate profile, and assign that profile to the Business Objects Administrator. This provides all access rights.

The security levels include:

- General Supervisor
Can create or modify the repository architecture and can perform any task in Business Objects.
- Supervisor
Has responsibility for daily administrative tasks including creating and managing user logins, assigning documents to users, and moving users between various information and configuration groups.
- Supervisor Designer
Manages Universe distribution, universe configuration on a user or group basis, and manages designers.
- User

Can access user modules within Business Objects.

- Versatile

Can access modules defined by a supervisor.

- c** Click **OK**.

The Business Objects Administrator with the General Supervisor profile is now available.

- 10** Repeat the process to add additional users giving them the appropriate security levels.

Resetting the Database Engine (for Upgrades Only)

Note You should only need to reset the database engine versions if you upgrade Client Access to 5.1 to iSeries Access V5R2, or if you upgrade the AS/400 to V5R2 or later.

Resetting the Database Engine for the Repository Connection

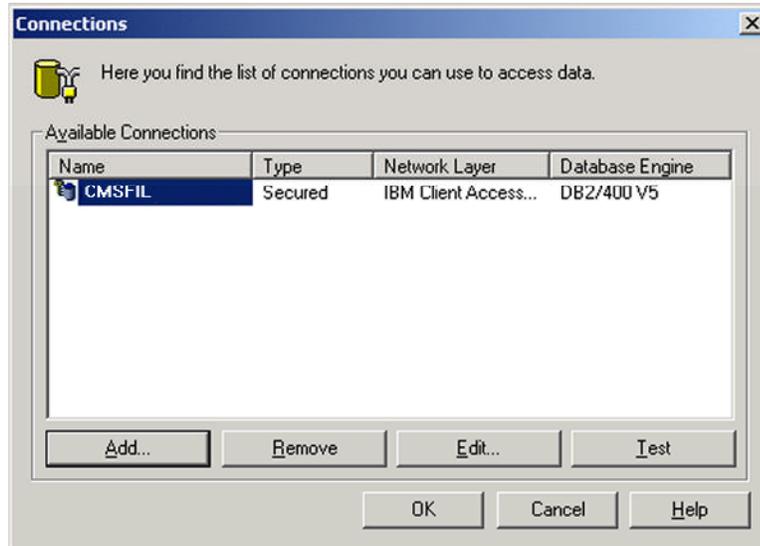
- 1 On the **Start** menu, point to **Programs**, select **Business Objects 5.1**, and then click **Supervisor**.
- 2 The **User Identification** dialog box, perform the following:
 - a In the **User Name** box, enter the appropriate Supervisor user name.
 - b In the **Password** box, the appropriate Supervisor password.
 - c Click **OK**.

The Supervisor message box opens.



- 3 Click **OK**.
- 4 On the **Tools** menu, click **Connections**.

The Connections dialog box opens.



- 5 Select **CMSFIL**, and then click **Edit**.
- 6 Continue to "[Resetting the Document and Universe Engines](#)" on page 67.

Resetting the Document and Universe Engines

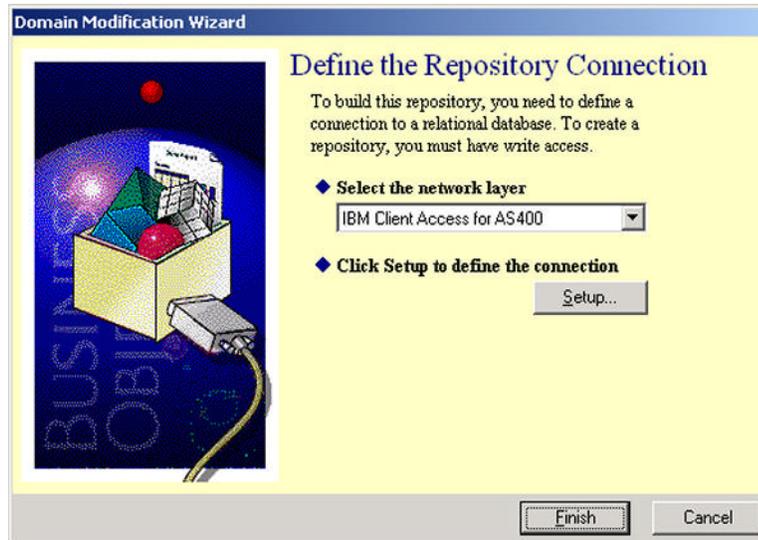
Note You should only need to reset the database engines if you upgrade Client Access V5R1 to iSeries Access V5R2, or if you upgrade the AS/400 to V5R2 or later.

To reset the document and universe engines

1 In **Supervisor**, on the **Tools** menu, click **Repository**.
The Repository Management dialog box appears.

2 Select **Document**, and then click **Modify**.

The Define Repository Connection window opens.

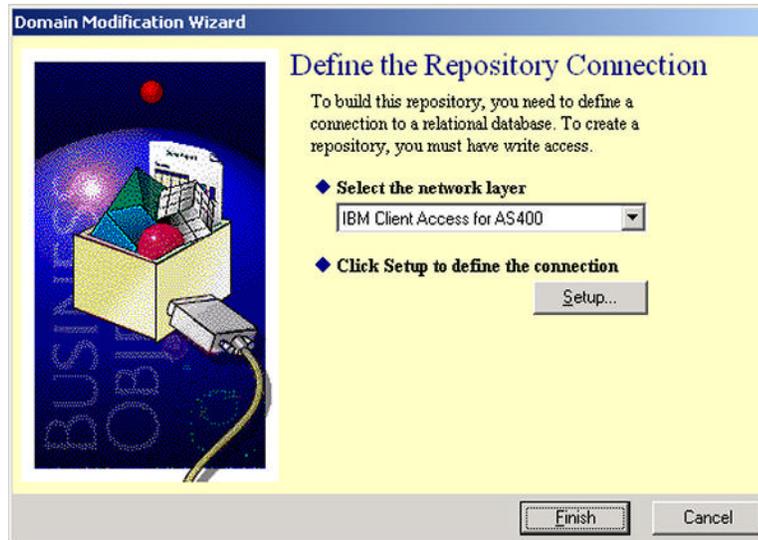


3 Click **Setup**.

The IBM iSeries Access for AS400 dialog box opens.

4 In the **IBM iSeries Access for AS400** dialog box, perform the following:

The Define Repository Connection window opens.



- 7 Click **Setup**.
The Client Access Login dialog box opens.

- 8 In the **IBM iSeries Access for AS400** dialog box, perform the following:

- a** In the **Database engine** drop-down list, select **DB2/400 V5**.
 - b** Ensure that the **Use BusinessObjects user name and password** check box is selected.
 - c** In the **Data source name** box, select **Repository**, and then click **OK**.
- 9** On the **Define Repository Connection** window, click **Finish**, and then close Supervisor.



Chapter 9

Creating a Secured Connection to CMSFIL

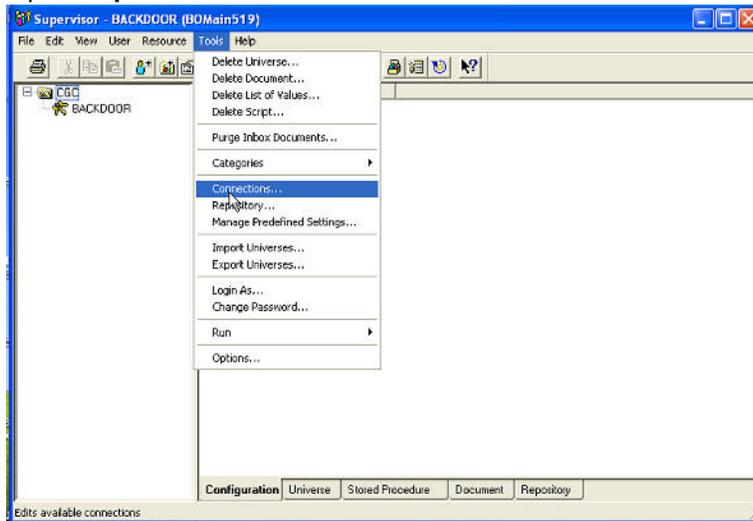
Before you can install universes, you must create the connection to CMSFIL, which is explained in "[Creating the Connection to CMSFIL](#)" on page 74.

Creating the Connection to CMSFIL

You only need to create the connection to CMSFIL if it does not already exist. If you are not sure if it already exists, perform step 1 below.

To create the connection to CMSFIL

1 Open Supervisor

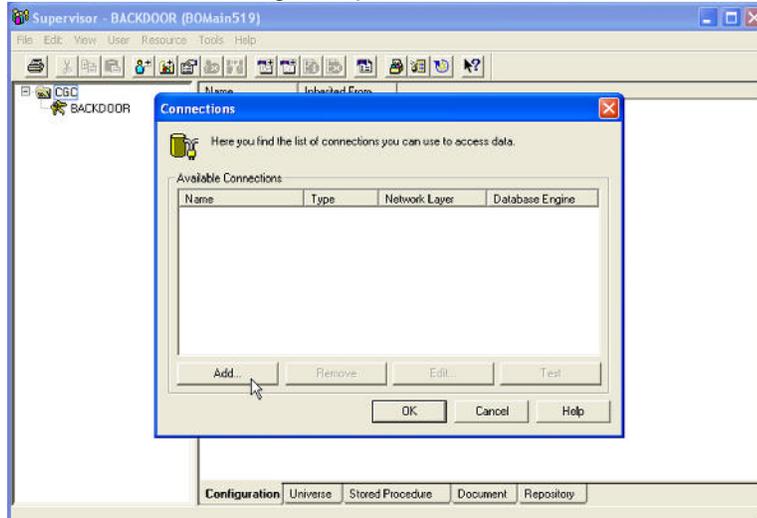


2 Select Tools

3 Select Connections

4 In **Supervisor**, on the **Tools** menu, click **Connections**.

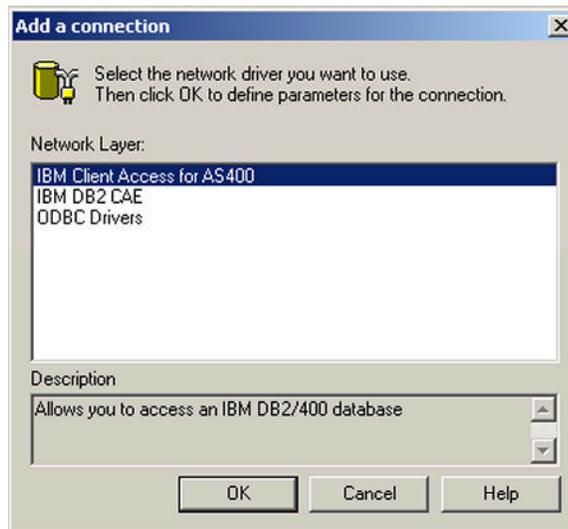
The **Connections** dialog box opens.



In this example, in the Available Connections area, CMSFIL is listed. If CMSFIL already exists in your list of available connections, you can close this dialog box and skip ahead to ["Close Supervisor."](#) on page 78. If CMSFIL does not exist in the list, then continue to step 2 below.

5 In the **Connections** dialog box, click **Add**.

The Add a connection dialog box opens.



- 6 In the **Add a connection** dialog box, in the list of network layers, select **IBM Client Access for AS400**, and then click **OK**.

The IBM Client Access for AS400 dialog box opens.

- 7 In the **IBM Client Access for AS400** dialog box, on the **Login** tab, perform the following:

- a In the **Database engine** drop-down list, select **DB2/400 V5**.

- b Select **Use BusinessObjects user name and password**.

When you select Use BusinessObjects user name and password, the User name and Password boxes in the IBM Client Access for AS400 dialog box become unavailable.

- c In the **Data Source name** drop-down list, select **CMSFIL Connection**.

The Type drop-down list should be Secured.

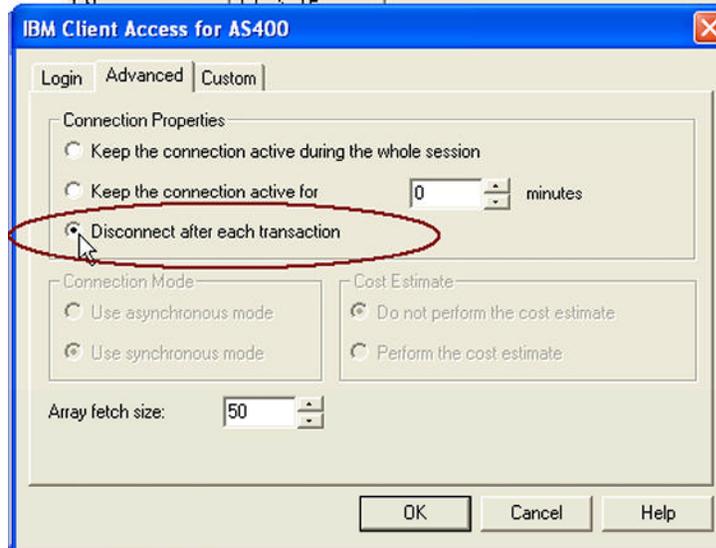
The screenshot shows the 'IBM Client Access for AS400' dialog box with the 'Login' tab selected. The 'Name' field contains 'CMSFIL'. The 'Database engine' dropdown is set to 'DB2/400 V5'. Under 'Login Parameters', the checkbox 'Use BusinessObjects user name and password' is checked. The 'User name' and 'Password' fields are disabled. The 'Data source name' dropdown is set to 'CMSFIL'. The 'Type' dropdown is set to 'Secured'. There are 'Test', 'OK', 'Cancel', and 'Help' buttons at the bottom.

- d Click **Test** to test the connection.

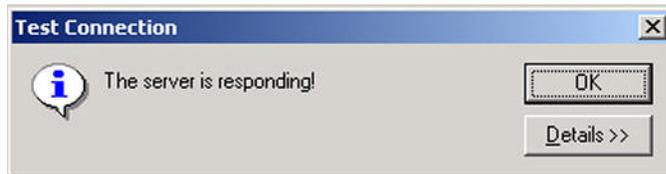
- e Select **Advanced Tab**

- f Select **Disconnect After Each Transaction**.

g

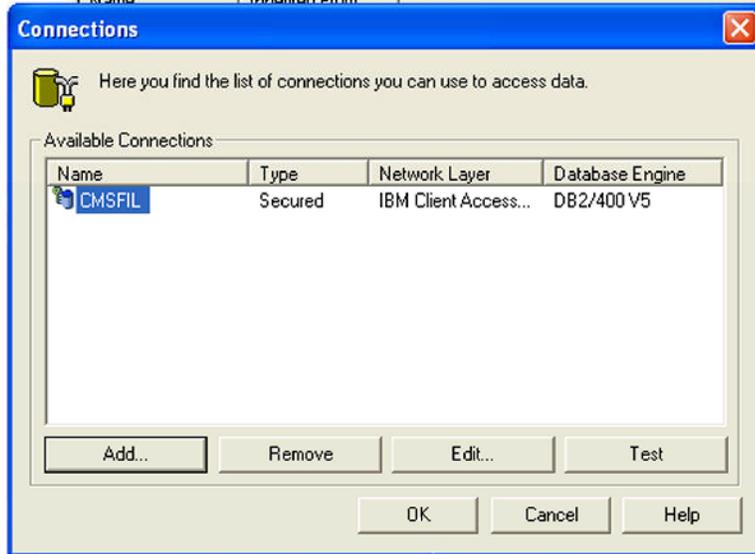


The Test Connection message box opens.



h Click **OK**, and then in the **IBM Client Access for AS400** dialog box, click **OK**.

- 8 In the **Connections** dialog box, in the **Available Connections** list, ensure that CMSFIL is listed, and then click **OK**.



- 9 Close Supervisor.



Chapter 10

Downloading and Installing Universes

You install and update universes for Business Objects from the Computer Guidance web site at www.computer-guidance.com.

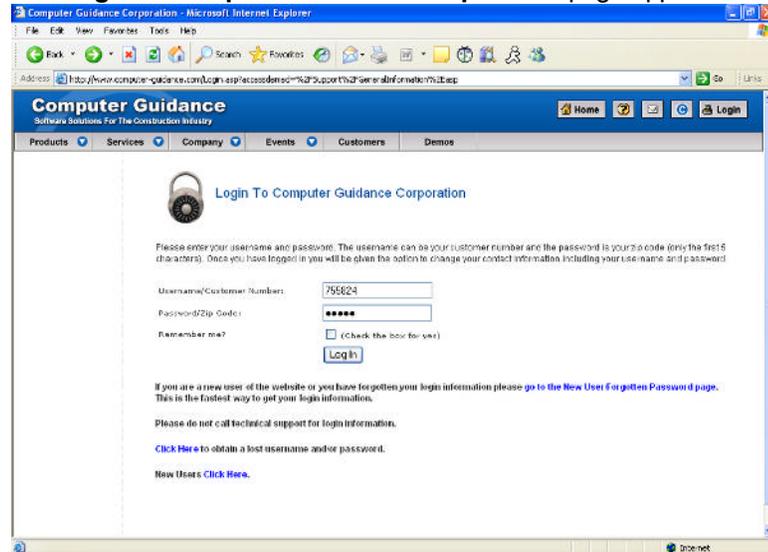
The process of installing universes actually involves two steps

- 1 You must first download the universes from the Computer Guidance Corporation web site (see "Downloading Universes" on page 70).
- 2 Then you export the universes (see "Installing Universes" on page 76).

To download universes

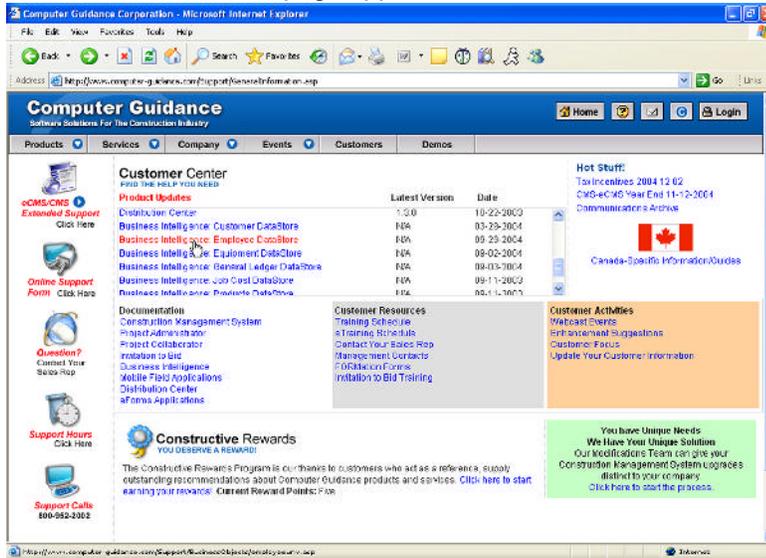
- 1 On the **Computer Guidance Corporation** home page, on the **Customers** menu, point to **Product Support**, and then select **Business Intelligence**.

The **Login to Computer Guidance Corporation** page appears.



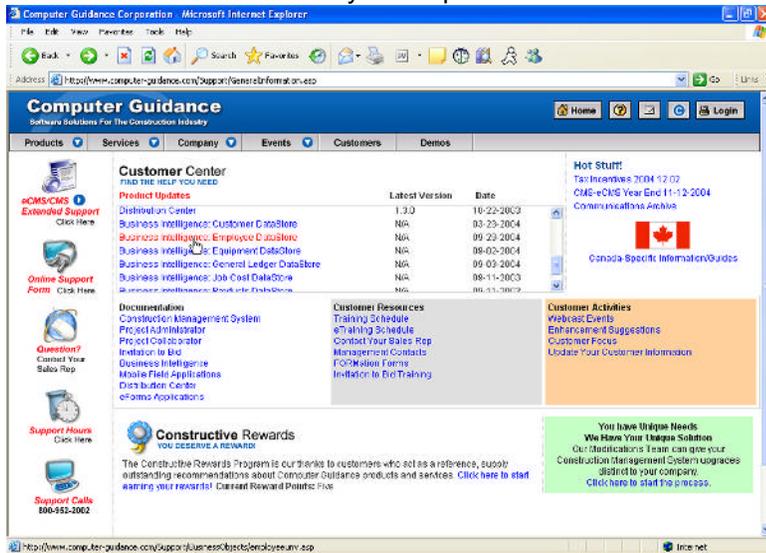
- 2 On the **Login to Computer Guidance Corporation** page, perform the following:
 - a In the **Username/ Customer Number** box, enter the BusObj customer number.
 - b In the **Password/Zip Code** box, enter the Zip code.
 - c Click **Login**.

The Customer Center page appears.



a Scroll to the Products Update dialog box.

On the Customer Center page, when you scroll down, the universes are listed with the last date they were updated.



- 3 On the **Business Intelligence Support** page, click the appropriate universe you want to download.

Note You can download universes only for the modules purchased.

The **Employee Universe** page opens.

Computer Guidance Corporation - Microsoft Internet Explorer

Address: http://www.computer-guidance.com/Support/BusinessObjects/employeeunivert.asp

Computer Guidance Corporation

Products
Company
News & Events
Customers
Services
Product Demos

BUSINESS INTELLIGENCE Employee Universe

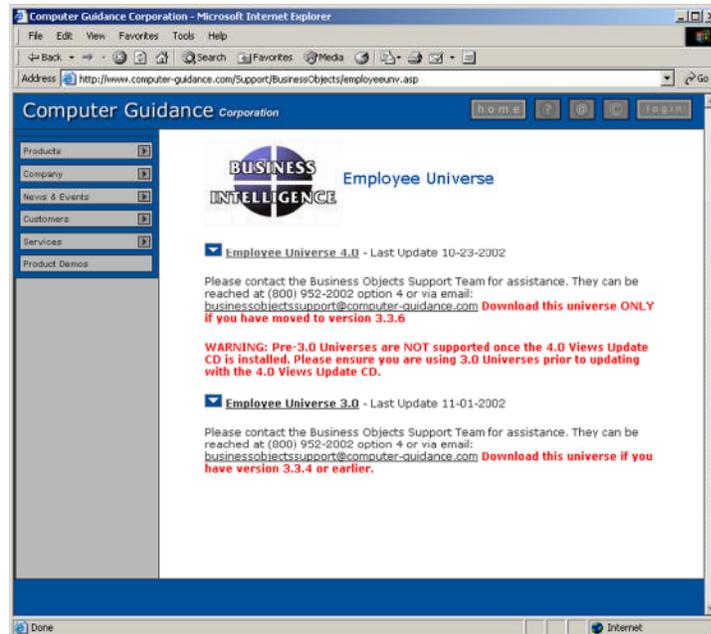
Please fill in the form below to download the update. This information will help our staff give you better service in the future.

| | | |
|----------------------|----------------------|-------------------------|
| Customer Number: | Email Address: | Contact Name: |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Update Type: | Version: | Date: |
| Employee Universe | Any | Tue Feb 11 17:05:32 201 |

Submit

- 4 On the **Employee Universe** page, perform the following:
 - a In the **Customer Number** box, enter the customer number.
 - b In the **Email Address** box, enter an email address.
 - c In the **Contact Name** box, enter a contact name.
 - d Click **Submit**.

The Employee Universe - Installation Instructions page opens.



- 5 On the **Employee Universe - Installation Instructions** page, perform the following:
 - a Review the information.
 - b Click the appropriate **Universe icon**.
 - c In the **File Download** dialog box that appears, select **Save this program to disk**, and then click **OK**.
 - d In the **Save As** dialog box that opens, navigate to the **Universe** folder under **Business Objects**, and then click **Save**.

A progress indicator window opens showing the files being copied.

For example, save each universe to C:\Program Files\Business Objects\Business Objects 5.1\Universes.
 - e Repeat steps 3 through 5 for each universe.

Once saved to the Universe folder, you need to export each universe one at a time.

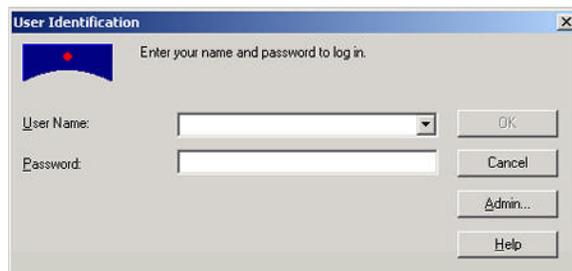
Although you can select all the universes and it appears they were successfully exported, only the first universe actually exports if you select more than one to be exported.

- 6 Continue to "[Installing Universes](#)" on page 84.

Installing Universes

- 1 If Supervisor is not already open, on the **Start** menu, point to **Programs**, point to **Business Objects 5.1**, and then click **Supervisor**.

The User Identification dialog box appears.

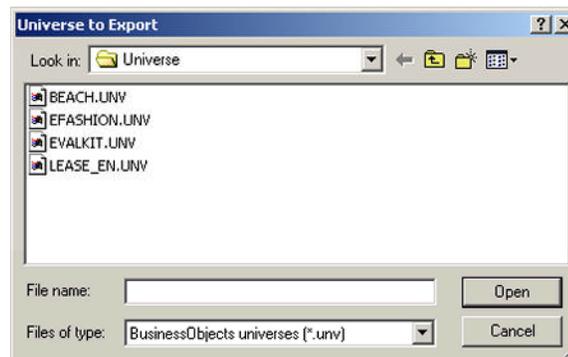


- 2 In the **User Identification** dialog box, perform the following:
 - a In the **User Name** box, enter a valid Supervisor user name.
 - b In the **Password** box, enter a valid Supervisor password, and then click **OK**.
- 3 On the **Supervisor** window, on the **Tools** menu, click **Export Universes**.

The Export Universe dialog box opens.

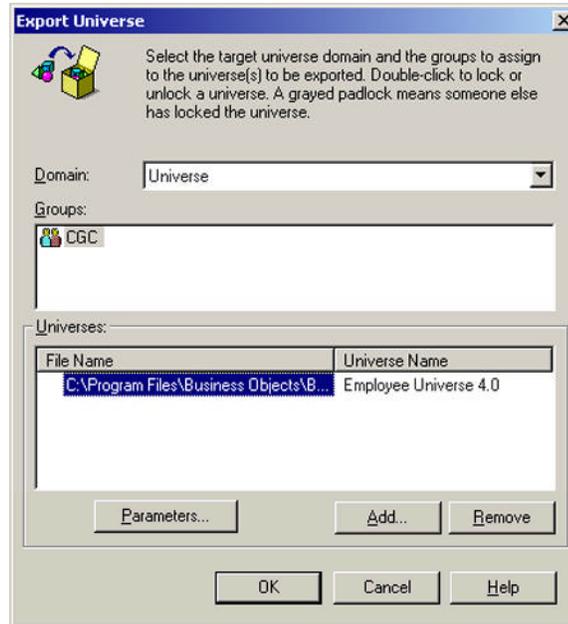


- 4 In the **Export Universe** dialog box, click **Add**.
The Universe to Export dialog box opens.



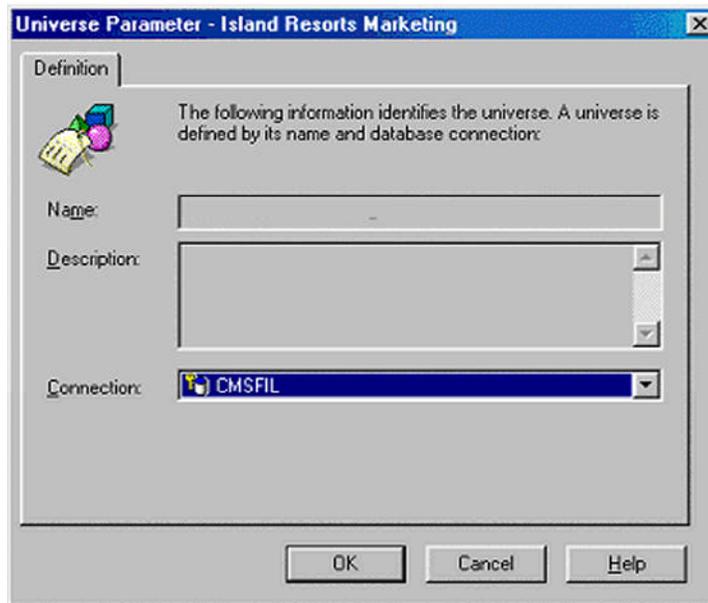
- 5 In the **Universe to Export** dialog box, select the Universe to export, and then click **Open**.

The Export Universe dialog box opens.



6 In the **Export Universe** dialog box, click **Parameters**.

The Universe Parameter dialog box opens.



- 7 On the **Universe Parameter** dialog box, in the **Connection** drop-down list, select the CMS default library, and then click **OK**.
In the example above, the default library is CMSFIL.

Installing Business Query

Business Query is installed using the Business Query product key (the same process as a Business Object key).

- 1 After Business Objects is installed on a user machine (using the Business Query product key), open Excel.
- 2 On the **Tools** menu, click **Addins**.
- 3 In the Addins dialog box, click **Browse**.
- 4 Navigate to **Business Objects | Business Objects 5.1**
- 5 Locate and double-click the **bqapi.xll** file.
Note that Business Objects 5.1 was added to the **addins** list.
- 6 Click **OK**.

Business Query is now part of the menu bar.

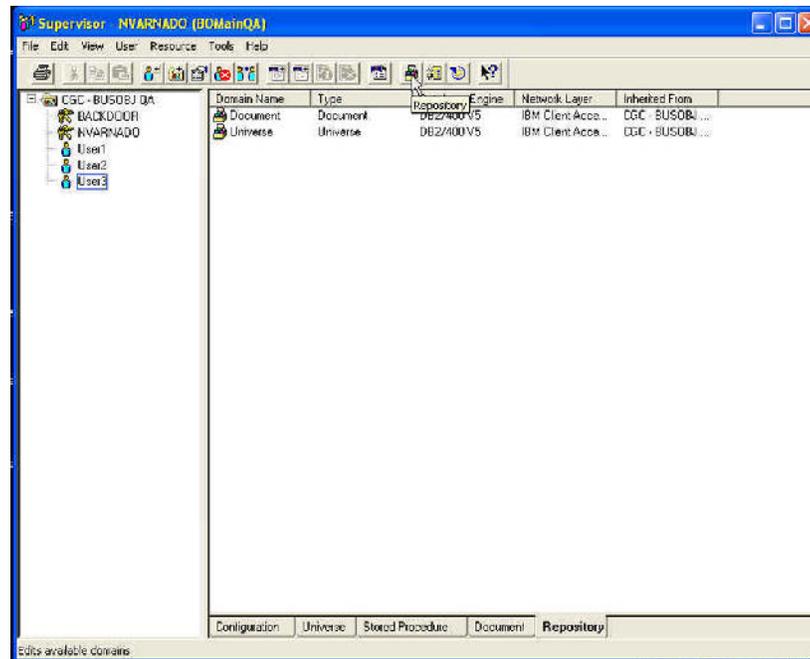


Chapter 11 Supervisor Domain Setup

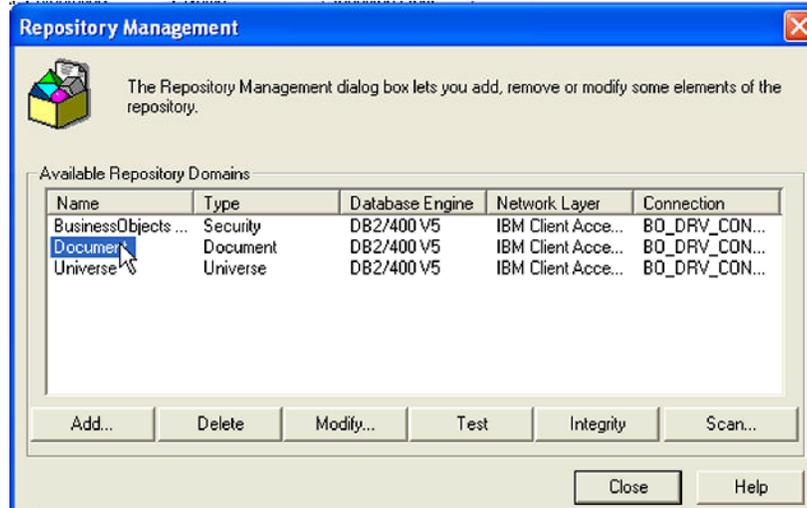
In order for all users to access Business Objects, the domain connections names must be changed using Supervisor.

The following process is completed for both the Document and the Universe domains. Once the Document domain has been setup, repeat these steps to setup the Universe domain.

- 1 Open **Business Objects Supervisor**, and select the **Repository** icon.

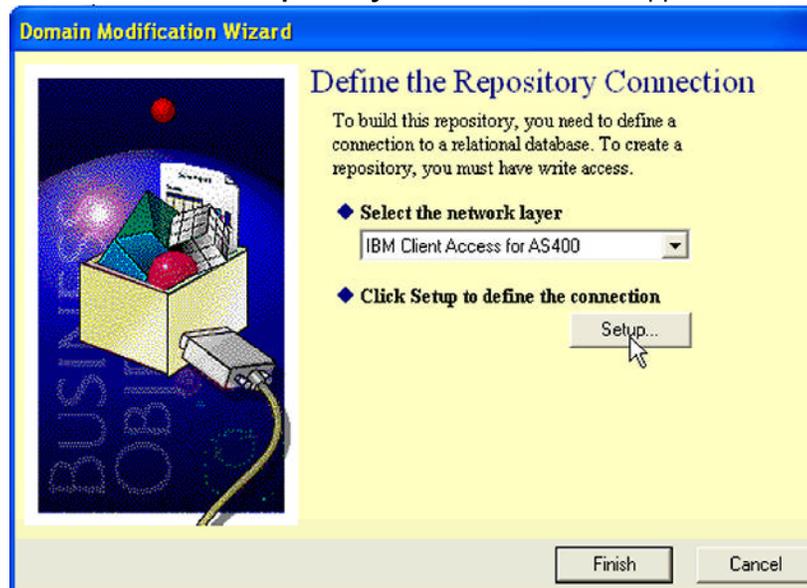


2 The Repository Management screen appears.



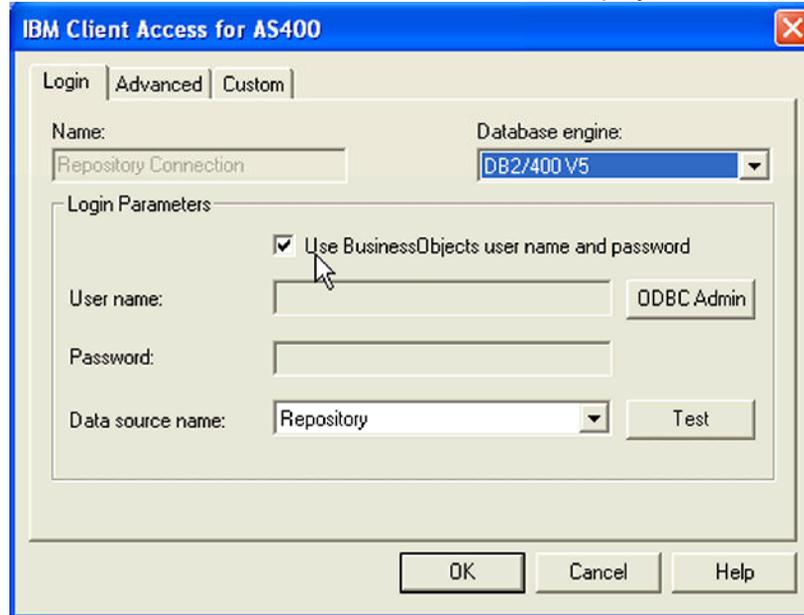
Select the **Document** domain, and then click **Modify**.

3 The Define the Repository Connection screen appears.



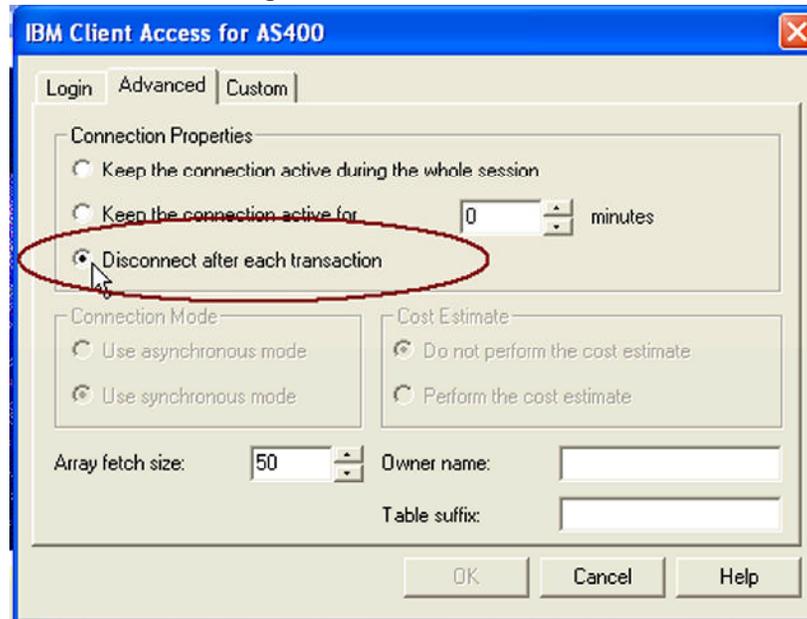
Click **Setup**.

4 The **IBM Client Access for AS400** screen displays.

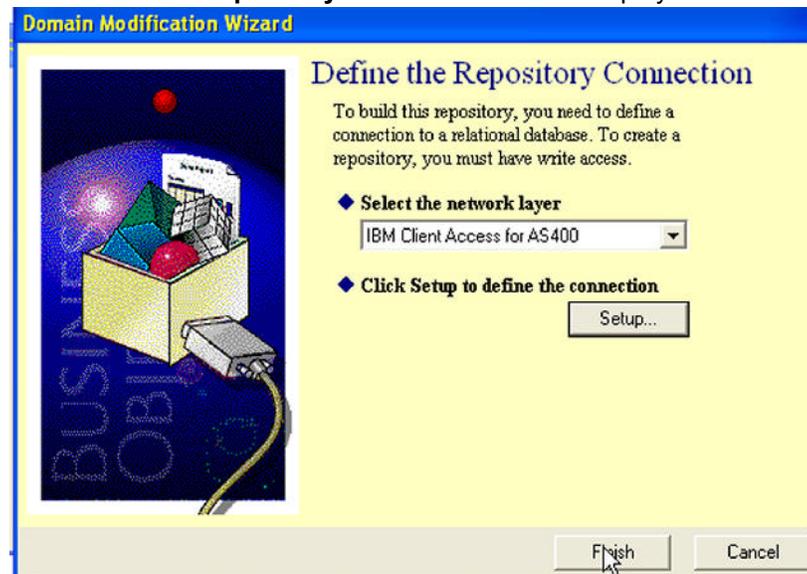


- a** For the **Database Engine**, select **DB2/400 V5** from the drop-down menu.
- b** Then, check **Use Business Objects user name and password**.
- c** Leave the **User Name** and **Password** areas blank.
- d** In the **Data Source Name** drop-down menu, select **Repository**, and then click **OK**.
- e** Disconnect after each transaction:
 - Select the **Advanced Tab**.
 - Select **Disconnect** after each transaction (do not select ok).

- Select **Login**.



5 The **Define Repository Connection** screen displays.



- a** Click **Finish**.

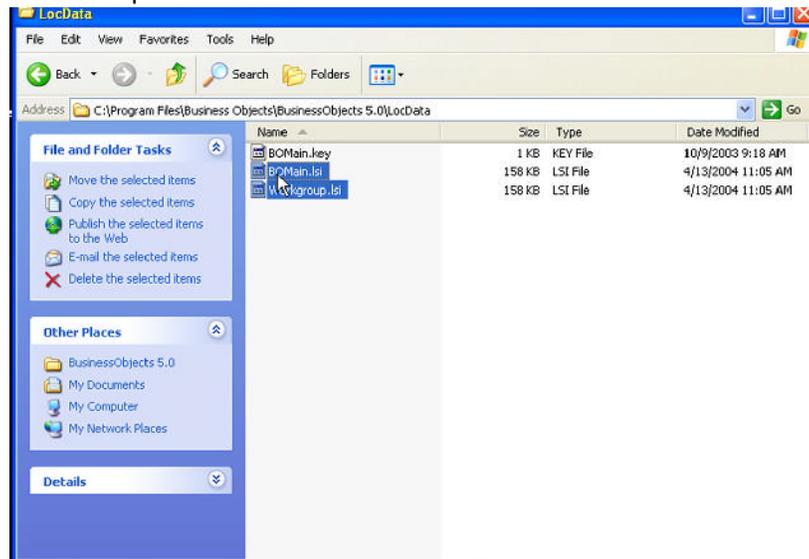
- b** Go back to page __ and repeat this process for the "Universe Domain.
- c** Close **Supervisor**.

Security Domain Setup

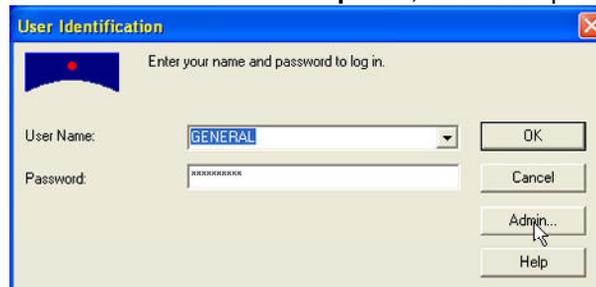
When the Document and Universe domains are set up in the Repository, you must set up the Business Objects security domain to ensure security.

To set up the Security Domain:

- 1 Open **Windows Explorer**, navigate to **C:\Program Files\Business Objects\Business Objects 5.0\LocData**, and then open **LocData**.



- a Delete the **BOMain.key** or create a backup.
- b Then delete **BOMain.lsi** and **Workgroup.lsi**.
- c Close **Windows Explorer**, and then open **Supervisor**.



- 2 In the **Supervisor User Identification** window, enter **GENERAL** (in all caps) for the **User Name** and enter **SUPERVISOR** (in all caps) for the **Password**. Then, click on **Admin**.
- 3 The **Welcome to Administration Setup** screen displays.

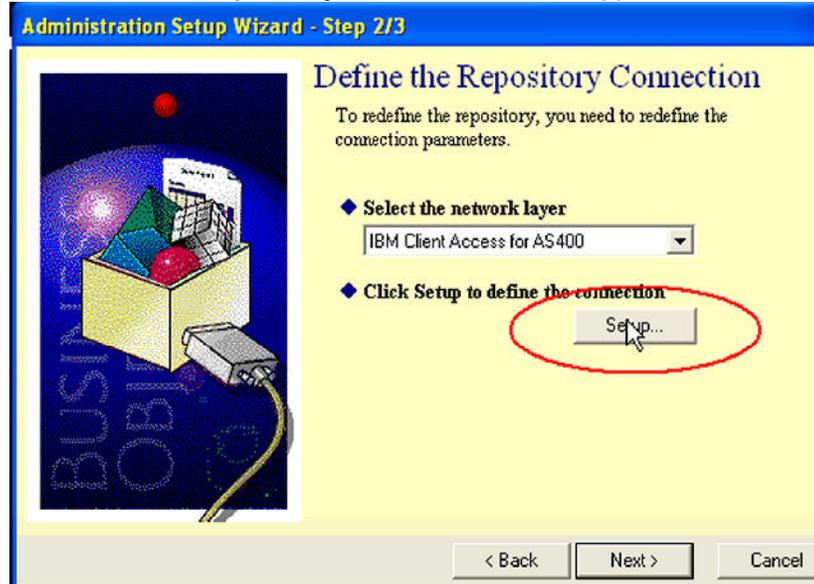


Click **Begin**.

4 The **Choose Setup Configuration** screen appears.

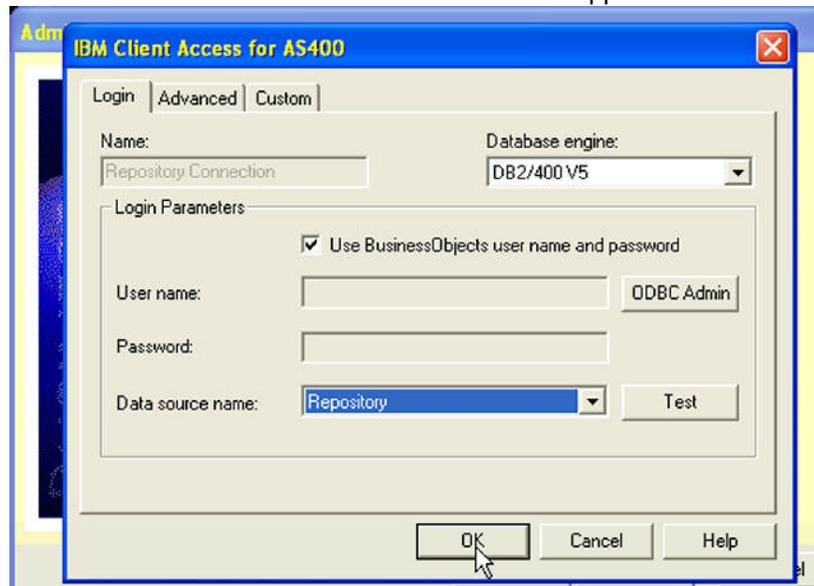
Select **Run a Safe Recovery**, and then click **Next**.

5 The **Define Repository Connection** screen appears.



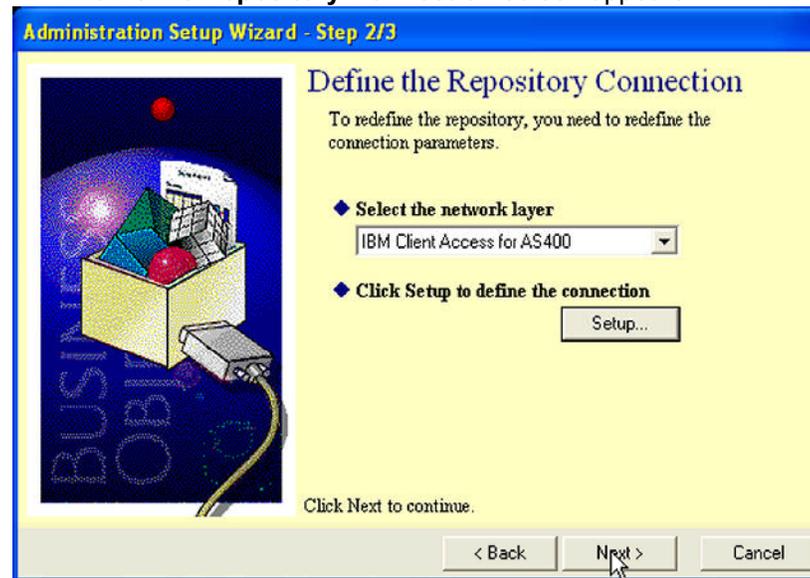
Click **Setup**.

6 The **IBM Client Access for AS/400** screen appears.



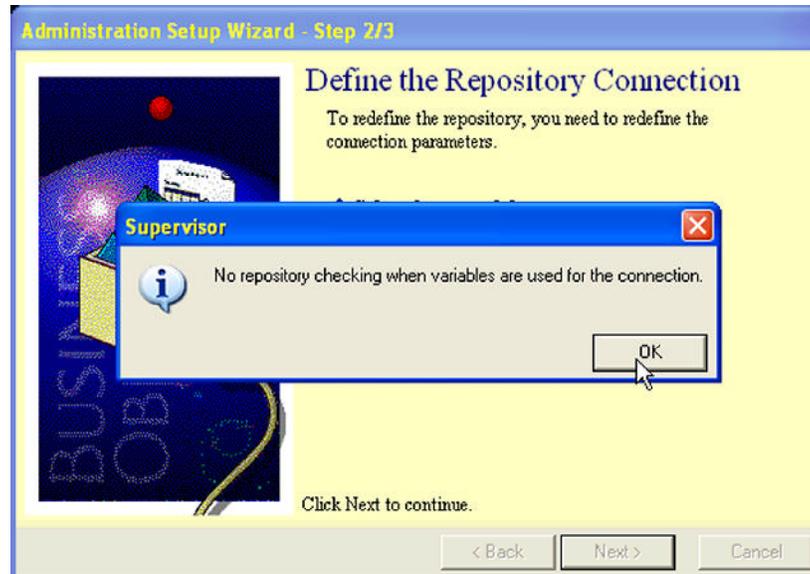
- a For the **Database Engine**, select **DB2/400 V5** from the drop-down menu.
- b Then, check **Use Business Objects user name and password**.
- c Leave the **User Name** and **Password** areas blank.
- d In the **Data Source Name** drop-down menu, select **Repository**, and then click **OK** (do not test).

7 The **Define Repository Connection** screen appears.



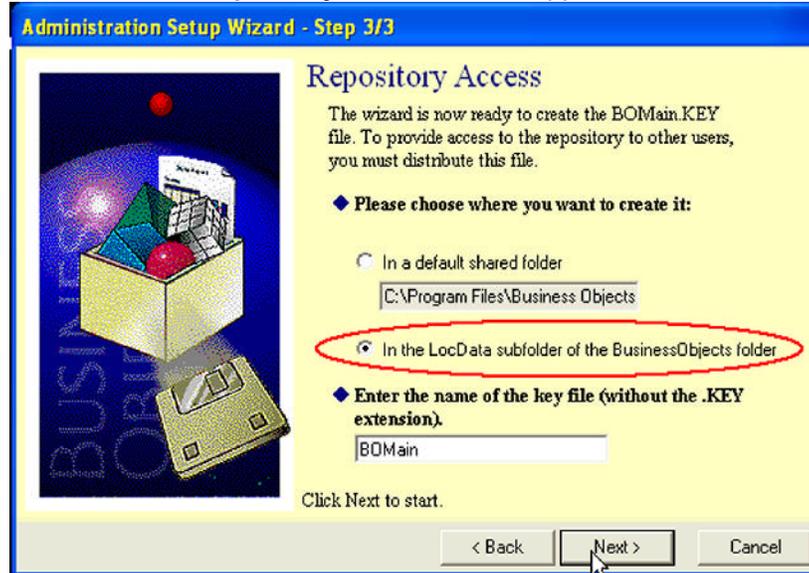
Click **Next**.

Note No repository checking is done when variables are used for the connection displays. This indicates that security will not be checked at the Business Objects level.



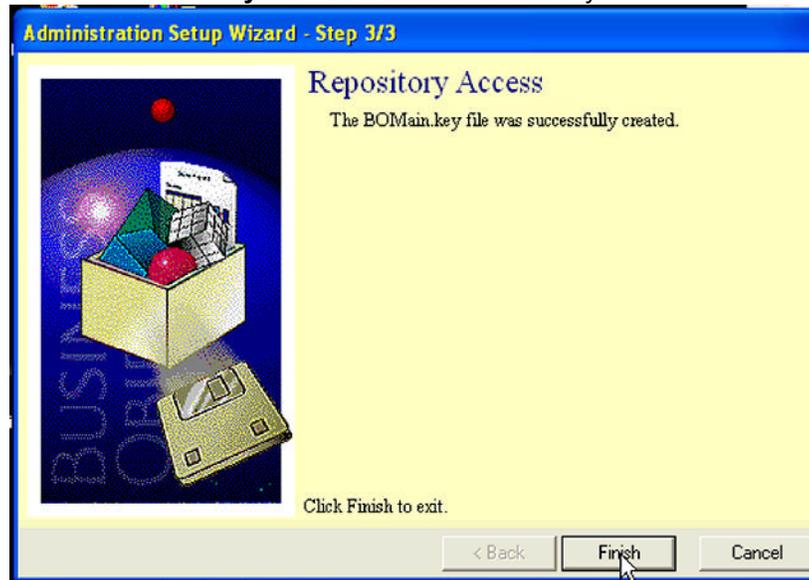
Click **OK**.

8 The **Define Repository Access** screen appears.



- a** Click on **In the LocData subfolder of the Business Objects folder**.
- b** Verify the key file name is **BOMain**, and then click **Next**.

- c The **Repository Access** screen displays indicating that the **BOMain.key** file was created successfully.

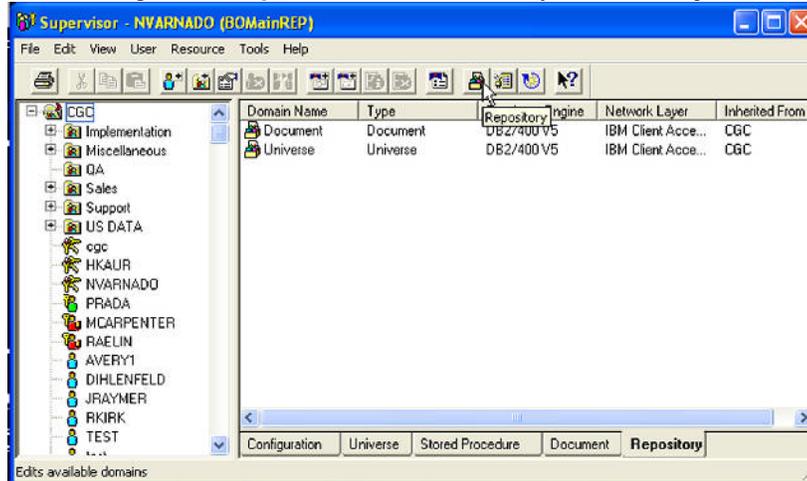


- 9 The **Supervisor User Identification** screen opens.



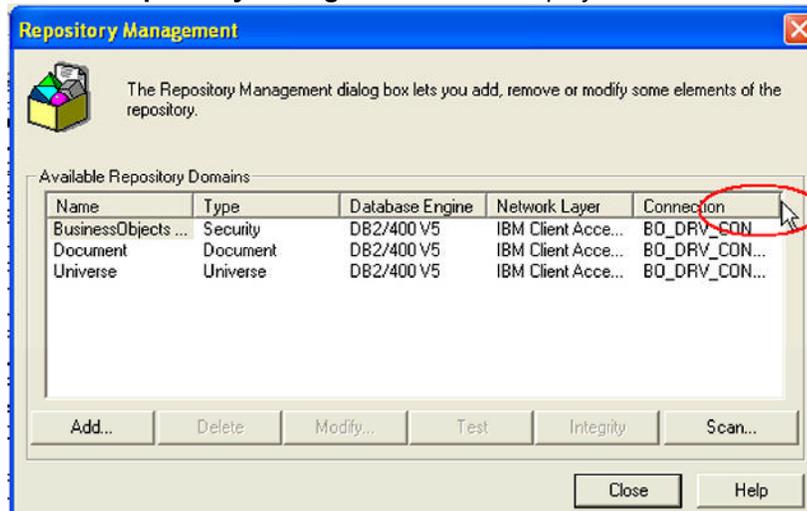
- a Use your current **User Name** and **Password** to open **Supervisor**, and then click **OK**.

b Login into **Supervisor**, and then verify the **Security Domain**.

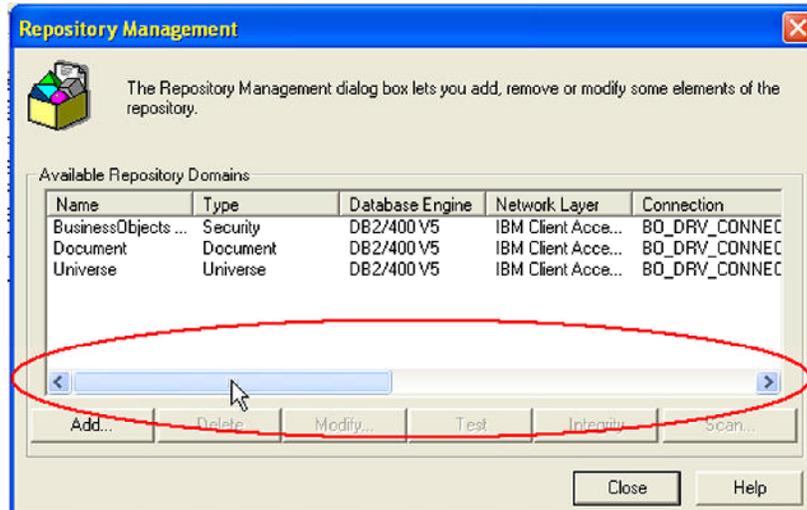


c Select the **Repository** icon.

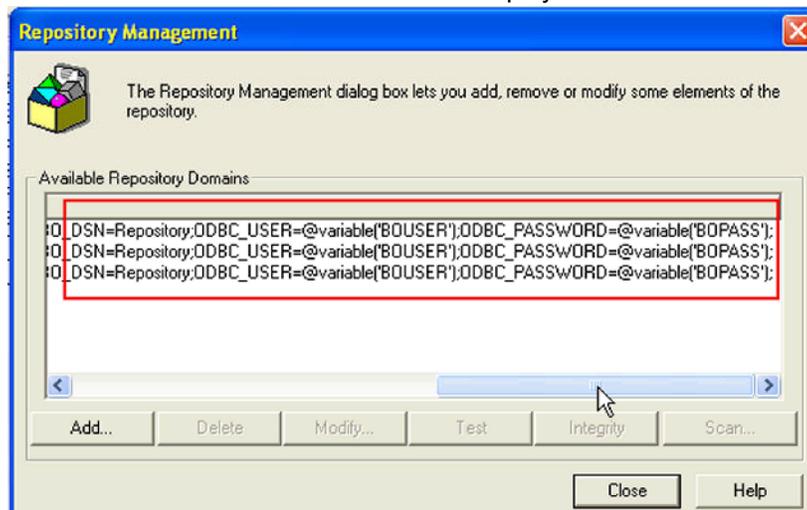
10 The **Repository Management** screen displays.



- a Place your cursor at the right edge of the **Connection Bar** (circled). When the cursor changes to double arrows, double click on it.



- b Select the Scroll Bar and slide to the right.
- c Make sure that all the domains display as listed below:



- **Business Objects Security Domain:**
Repository;ODBC_USER=@variable('BOUSER');ODBC_P
ASSWORD=@variable ('BOPASS');

- **Document Domain:**
Repository;ODBC_USER=@variable('BOUSER');ODBC_PASSWORD=@variable('BOPASS');
 - **Universe Domain:**
Repository;ODBC_USER=@variable('BOUSER');ODBC_PASSWORD=@variable('BOPASS');
- d** If all of the domains are displayed correctly, click **OK**.



Chapter 12

Changing Business Objects Default Settings

To be able to drill down between summary and detail files, you must change three Business Object defaults, which are explained below.

To change Business Object defaults

- 1** In Windows Explorer, navigate to **DB2400EN.prm**.
Typically, the path is C:\Program Files\Business Objects\DataAccess 5.0\DB2\DB2400EN.prm.
- 2** In **Microsoft Notepad**, open **DB2400EN.prm**, and then change the following:
OWNER=N
GROUPBY_EXCLUDE_COMPLEX=N
- 3** On the **File** menu, click **Save**.
- 4** In **Microsoft Notepad**, open **DB24V4EN.prm**.
Typically, the path is C:\Program Files\Business Objects\DataAccess 5.0\DB2\DB24VEN.prm.
- 5** Change the following:
OWNER=N
GROUPBY_EXCLUDE_COMPLEX=N
- 6** On the **File** menu, click **Save**, and then close Notepad.



Appendix A

Installing Business Query

Business Query is installed using the Business Query product key (the same process as a Business Object key).

- 7** After Business Objects is installed on a user machine (using the Business Query product key), open Excel.
- 8** On the Tools menu, click Addins.
- 9** In the Addins dialog box, click Browse.
- 10** Navigate to Business Objects | Business Objects 5.1.
- 11** Locate and double-click the bqapi.xll file.

Note Note that Business Objects 5.1 was added to the addins list.

- 12** Click OK.

Business Query is now part of the menu bar.

